
**BURIED CONTAINER REMOVAL
PLAN IMPLEMENTATION
STANLEY TOOLS
FOWLerville, MICHIGAN**

Prepared for:
THE STANLEY WORKS

**JOB NO.: 03163-055-148
JULY 10, 1995**

 **DAMES & MOORE**



644 LINN STREET, SUITE 501, CINCINNATI, OHIO 45203
(513) 651-3440 FAX: (513) 651-3452

July 10, 1995

United States Environmental Protection Agency
Region V
77 West Jackson Boulevard
Chicago, IL 60604-3590

Attention: Mr. Michael Valentino

Ladies and Gentlemen:

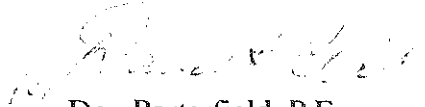
Re: Buried Container Removal
Plan Implementation
Stanley Tools, Fowlerville, Michigan


On behalf of The Stanley Works (Stanley), Dames & Moore is pleased to submit three copies of the Buried Container Removal Plan Implementation (BCR).

Please direct any questions or comments on the BCR to the undersigned, or to William Guerrero of The Stanley Works at (203) 827-3802.

Very truly yours,

DAMES & MOORE


Don Porterfield, P.E.
Senior Engineer


Jennifer J. Krueger, C.P.G.
Associate

DP/JJK:STA(1)/148ps
03163-055-148

Enclosure

Copy W. Guerrero; Stanley
A. Kolesar; Skadden, Arps, Slate, Meagher and Flom

CONTENTS		Page
Section		
1.0	INTRODUCTION.....	1
2.0	BACKGROUND.....	1
2.1	SITE DESCRIPTION.....	1
2.2	BURIED CONTAINER DISCOVERY.....	1
3.0	SCOPE OF WORK.....	2
4.0	PREPARATIONS.....	3
4.1	CONTRACTOR SELECTION.....	3
4.2	PRE-CONSTRUCTION MEETING.....	3
4.3	SUBMITTALS.....	3
4.4	PERMITTING.....	4
5.0	FIELD PROCEDURES.....	4
5.1	MOBILIZATION.....	5
5.2	SITE PREPARATION.....	5
5.3	BURIED CONTAINER REMOVAL.....	5
5.3.1	Excavation.....	5
5.3.2	Magnetometer Survey and Excavation Inspection.....	6
5.3.3	Backfilling.....	7
5.3.4	Analysis and Disposal.....	7
5.4	POST-EXCAVATION SAMPLING.....	7
5.5	DISPOSAL OF MISCELLANEOUS SOIL PILES.....	9
5.6	BACKFILL EXISTING EXCAVATION ADJACENT TO BUILDING.....	10
5.7	MISCELLANEOUS SITE GRADING.....	10
5.8	RESTORATION.....	10
5.9	DECONTAMINATION PROCEDURES.....	11
6.0	CONCLUSION.....	11

TABLE
(follows text)

- 1 SOIL SAMPLING RESULTS

FIGURES
(follows table)

- 1 SITE VICINITY MAP
2 SITE PLAN
3 AREA OF BURIED CONTAINER REMOVAL EXCAVATION

CONTENTS (Continued)

**APPENDICES
(follow figures)**

- A LIVINGSTON COUNTY DRAINAGE PERMIT**
- B PHOTOGRAPHS**
- C BURIED CONTAINER PHYSICAL INFORMATION SHEETS**
- D STAINED BCR SOIL AND DRUM MATERIAL ANALYSIS**
- E BCR SOIL DISPOSAL MANIFESTS**
- F BCR DRUM DISPOSAL MANIFESTS**
- G MISCELLANEOUS SOIL PILE DISPOSAL MANIFESTS**
- H EXISTING EXCAVATION WATER DISPOSAL MANIFEST**

1.0 INTRODUCTION

This report outlines the activities that were undertaken to implement the Buried Container Removal (BCR) Plan for the Stanley Tools site located in Fowlerville, Michigan. The BCR Plan was transmitted to Region V of the U.S. EPA on May 6, 1991, following revisions made to address comments made by EPA in a letter dated April 5, 1991. The plan called for excavation of a suspected buried container area and removal and disposal of any containers encountered.

A Request For Proposals (RFP) to perform work detailed in the BCR Plan was prepared by Dames & Moore and issued on July 5, 1994. An Addendum to the RFP for implementation of the BCR Work Plan, dated July 15, 1994, was issued to address questions arising from a pre-construction meeting held at the site. This Addendum added the following to the scope of work; disposal of miscellaneous soil piles located at the site, removal of standing water and backfilling an existing excavation east of the existing building, site grading to promote positive surface drainage and seeding and mulching the area west of the existing fence in the designated BCR excavation area.

2.0 BACKGROUND

2.1 SITE DESCRIPTION

The Stanley Tools facility is located at 425 West Frank Street on the southwestern side of Fowlerville, Michigan (Figure 1). The westside of the site is bordered by the Red Cedar River. The site comprises an area of approximately 8 acres and currently remains unoccupied. The manufacturing buildings were leveled and the debris removed in 1993. The site has a topographic relief of 7 feet, ranging in elevation from approximately 881 feet near the Red Cedar River to approximately 888 feet near Frank Street. Surface water drains directly toward the Red Cedar River, or toward one of the two drainage ditches located north and south of the former building. The majority of the site is situated within the 100-year floodplain.

2.2 BURIED CONTAINER DISCOVERY

Stanley is currently conducting a RCRA facility investigation (RFI). During the course of monitoring well installation in conjunction with Phase I of the RFI in November

1990, portions of buried containers were discovered within the southwestern portion of the facility. A magnetometer was used to investigate the suspected container burial site adjacent to the western fence line along the southwestern property boundary. Based on the results of the magnetometer survey, an area of suspected buried containers was delineated (see Figure 2) and a plan for removal, characterization, and disposal of excavated non-soil materials was developed.

3.0 SCOPE OF WORK

The scope of work originally outlined in the BCR Work Plan called for the excavation of the suspected buried container area (Figure 2) and removal, characterization and disposal of any non-soil materials encountered. Soils encountered during excavation which showed visible discoloration or emitted photoionization detector (PID) readings of ≥ 100 ppm above background levels were to be removed from the excavation and properly disposed.

The scope of work was expanded by an Addendum to the RFP issued July 15, 1994.

The Addendum called for backfilling an existing excavation adjacent to the existing building, removal and disposal of additional material located on the site, site grading, and seeding and mulching as discussed below. The Addendum required that the contractor backfill an existing excavation east of the existing building (Figure 2) with fill from off-site. The fill was required to be analyzed for Michigan RCRA metals, volatile organic compounds (VOCs), polychlorinated biphenols (PCBs), and polynuclear aromatic (PNAs) prior to being brought on-site. Any standing water in the excavation was to be removed and disposed and the hole lined with 6 mil polyethylene sheeting before backfilling.

The additional material to be removed from the site consisted of a pile of concrete and soil located northeast of monitoring well MW-B3, a pile of soil located north of the former plating area, and a 25-foot by 40-foot area of yellow stained soil located adjacent to the former plating area in the southwest portion of the former plant building. The location of these materials is shown on Figure 2.

Required site grading consisted of grading the area at the southwest corner of the former plant area to promote positive drainage and avoid ponding.

The Addendum also added seeding and mulching of the area located west of the fence that crosses the BCR excavation area to the scope of work.

4.0 PREPARATIONS

4.1 CONTRACTOR SELECTION

In order to implement the approved BCR Plan, an RFP was prepared by Dames & Moore and issued on July 5, 1994. A pre-bid meeting was held at the site on July 12, 1994 and an Addendum to the RFP was issued July 15, 1994. Work associated with an Interim Remedial Measures (IRM) Work Plan was bid in conjunction with the BCR work. Bids were received from three contractors. After evaluating each of the bids, the contract was awarded to O'Brien & Gere Technical Services, Inc. (OBG Tech) of Plainville, Connecticut. Oversight and post-excavation sampling was performed by Dames & Moore.

4.2 PRE-CONSTRUCTION MEETING

A pre-construction meeting was held at the site on September 26, 1994, and was attended by representatives of Stanley, Dames & Moore, Johnson Controls (the former owner of the site), and OBG Tech. The various tasks of the BCR Plan were discussed and any clarification as to the intent of the contract documents or scope of work to be performed by OBG Tech were resolved.

The contractor elected to proceed with IRM work in the fall of 1994 until the onset of winter weather at the end of December, which prevented further work at that time. The remainder of the IRM work and all BCR work was deferred until the spring of 1995.

4.3 SUBMITTALS

The contractor submitted the following documents prior to proceeding with construction:

- Health and Safety Plan
- Stormwater Control Plan
- Site Security Plan
- Dust Control Plan
- Certifications
- Construction Schedule
- Drum Storage Area and Decontamination Pad Shop Drawings
- Disposal Approvals

Dames & Moore received a Health and Safety Plan, Stormwater Control Plan, Site Security Plan and Dust Control Plan from OBG Tech on October 17, 1994. These plans included both IRM and BCR work. Dames & Moore received a Construction Schedule, Certifications and Disposal Approval for the water located east of the existing building on April 3, 1995. Shop Drawings for the Drum Storage Area and Decontamination Pad were received on April 13, 1995. Disposal approval for the miscellaneous soil piles was received on April 21, 1995.

Submittals were reviewed by Dames & Moore for conformity with the work plan and addendum to the RFP and were found to be sufficient.

4.4 PERMITTING

The Livingston County Drainage Commission (LCDC) requires that a permit be obtained and a bond posted prior to any excavation within 500 feet of a water body. The contractor had obtained a permit and posted a bond prior to work performed at the site in the fall of 1994. This permit also included work to be performed under the BCR Work Plan. The permit was received on November 4, 1994 and is presented as Appendix A.

5.0 FIELD PROCEDURES

The following sections summarize the field activities undertaken to complete the scope of work as described in Section 3.0 of this report.

5.1 MOBILIZATION

OBG Tech elected to retain a subcontractor, Young's Environmental Cleanup, Inc. (Young) of Flint, Michigan, to assist with the BCR work. Mark Sydorowych, OBG Tech supervisor, and two equipment operators from Young began work on the site on April 17, 1995.

The equipment which was used throughout the project was owned by Young. A Caterpillar D5 dozer and a Caterpillar 300 excavator were brought on-site on April 17, 1995 and remained on-site throughout the project.

5.2 SITE PREPARATION

Site preparation for the BCR work consisted of removal of the fencing located within the area designated for excavation and construction of a drum storage area. The drum storage area was located east of the designated area of BCR excavation as shown on Figure 2. The drum storage area was surrounded by a berm of soil to contain any spills and prevent runoff. It was lined with 80-mil high density polyethylene which extended over the berm.

5.3 BURIED CONTAINER REMOVAL

The following sections describe the work associated with excavating, removing, containerizing, analyzing and disposing excavated non-soil materials and discolored soil within the limits defined by the BCR Work Plan.

5.3.1 Excavation

Excavation of the designated area began in the northeast corner on April 18, 1995 and proceeded in a southerly direction. The soils were excavated in approximately 1-foot thick layers until reaching a depth of four feet. During excavation, any soil materials which appeared to be stained or discolored were removed and stockpiled on polyethylene sheeting prior to placement in covered roll-off boxes. Excavation in the northeastern portion of the area delineated for excavation produced several pieces of rusted scrap material located within two feet of the existing ground surface. The materials were not visually contaminated and therefore were removed and placed on polyethylene sheeting until the

excavation was completed and the material could be disposed. Soils encountered at depths between 2 and 4 feet in the northeast portion of the excavation were observed to be discolored and produced an odor, and therefore were removed and segregated for later disposal.

As the excavation proceeded to the south, buried containers were encountered in the area shown on Figure 3. The containers appeared to be rusted 55-gallon drums randomly placed at a depth of approximately 18 to 24 inches. Photographs of typical drums removed are presented as Appendix B. The drums contained solids which were primarily gray, black and rust colored. The fencing in the area was removed and excavation continued in a westerly direction along the southern limit of the designated area. When drums were encountered they were removed from the excavation and placed in overpacks on the drum storage pad. The overpacks were then numbered and a physical characteristic information sheet, was completed. The information sheets for overpacks BCR-1 through BCR-12 are presented as Appendix C. The soils immediately surrounding the drums that visually appeared to be stained were removed and placed in roll-off boxes for disposal. The stained and discolored soil removed from this area, and the northeast corner of the excavation, totaled approximately 140 cubic yards.

As excavation proceeded to the west, the excavated soils appeared to be native soils. The only non-native material encountered was the remnants of a wire fence. Excavation of the designated area was completed on April 19, 1995.

5.3.2 Magnetometer Survey and Excavation Inspection

Once excavation was completed, the bottom of the excavation was swept with a magnetic locator. The magnetic locator, a Schonsted GA32 (Serial # 10609) was rented from Instrument Sales & Service, Inc. of Livonia, Michigan. The magnetic locator detected no metal in the excavation with the exception of the existing monitoring wells (MW-B1 and MW-B2), and a Keck well (OW-2) (Figure 3).

The sides of the excavation were also examined for visual evidence of buried containers. No indications of further buried containers were found.

5.3.3 Backfilling

After excavation was completed and samples from the bottom of the excavation had been collected (see Section 5.4), the excavation was backfilled. The soils from the excavation that were not visibly stained were placed back into the northwestern portion of the excavation and lightly compacted with the bucket of the excavator. The remaining portion of the excavation to be backfilled with soil from off-site was lined with polyethylene sheeting, backfilled with a sandy material from off-site, and compacted with the bucket of the excavator. Approximately 150 cubic yards of fill were required to replace the discolored soils which were removed for offsite disposal.

5.3.4 Analysis and Disposal

The contractor collected a composite sample of the discolored soil that was removed from the excavation and a composite sample of the solids contained in the drums. These samples were submitted to Envotech Management Services, Inc. of Belleville, Michigan for analysis using the Toxicity Characteristic Leaching procedure (TCLP). The composite sample of drum materials resulted in 585 mg/L TCLP for zinc, exceeding the Michigan limit of 500 mg/L for a characteristic hazardous waste. Hexachlorobenzene was also detected at 0.15 mg/L, which exceeds the TCLP limit of 0.13 mg/L for a characteristic hazardous waste. The composite sample of discolored soil did not contain detectable levels by the TCLP. The results of the analysis are presented as Appendix D. After excavation the overpacked drums were covered with polyethylene sheeting until disposal approval could be obtained.

The soil was classified as contaminated soil (non-RCRA, non-hazardous) and the solids contained in the drums were classified as Hazardous Solid Waste (D032). The material (660 gallons of solids in drums and 140 cubic yards of soil) was removed from the site on May 31, 1995 through June 2, 1995 for disposal at Michigan Disposal and Wayne Disposal in Belleville, Michigan. Disposal manifests for soil and drums are presented as Appendices E and F, respectively.

5.4 POST-EXCAVATION SAMPLING

Dames & Moore conducted post-excavation soil sampling in the excavated areas. Two sampling locations were chosen and are shown on Figure 3 as BCR-1 and BCR-2.

Sampling location BCR-1 was located in the northeast corner of the excavation where the discolored soils were observed. Sampling location BCR-2 is located in the area in which the buried containers were discovered.

Two samples were taken at each sampling location. The samples were collected using a hand auger at depths of approximately 6 (BCR-1/1 and BEC 2/1) and 12 inches (BCR 1/2 and BCR 2/2) below the bottom of the excavation. The auger was decontaminated between samples. Soil samples were also screened for VOCs using an HNu with an 11.7 eV lamp at depths of 18 and 24 inches. The results of the HNu screening indicated background levels at each location.

After collection, each sample was placed in laboratory supplied containers and shipped to Quanterra, Inc. in Arvada, Colorado. Three of the four samples were analyzed for total metals, PCBs, total petroleum hydrocarbons (TPHs), cyanide, VOCs, and SVOCs. The fourth sample (BCR 2/2) was analyzed for Appendix IX metals, inorganics, pesticides, PCBs, herbicides, VOCs, SVOCs, dioxins and furans. Table 1 summarizes the analytical results for compounds that were detected.

Concentrations of VOCs, SVOCs, PCBs, and TPHs were similar, and generally low, in all four samples. Trace levels of VOCs, totaling less than 25 µg/kg, were detected in all samples, with no significant difference in concentrations between sample locations or depths. Aromatic hydrocarbons detected were benzene, toluene, and xylene. Xylene was only analyzed for in sample BCR-2/2, but had a very low concentration. The remaining VOCs detected include 1,2-dichloroethene, methylene chloride, and trichloroethene.

The only SVOCs detected were 1,2-dichlorobenzene and bis(2-ethylhexyl) phthalate. Bis(2-ethylhexyl) phthalate was also detected in the lab blank and, therefore, is interpreted to be a laboratory artifact. 1,2-dichlorobenzene was only detected above the reporting limit in one sample, BCR-2/2.

The PCBs Aroclor 1242 and Aroclor 1248 were detected above the reporting limit only in the two samples from boring location BCR-2. The concentration of PCB was low in both samples, but was slightly higher in the shallower sample (330 µg/kg Aroclor 1242 in BCR-2/1, compared with 45 µg/kg Aroclor 1248 in BCR-2/2).

TPHs, listed as total chromatographable organics in Table 1, were detected at trace levels in three of the four samples, but were not analyzed in BCR-2/2. No reliable identification of individual compounds was possible, but the samples resembled a hydrocarbon product occurring within the n-alkane range of C12-C32.

Metals detected above the reporting limit include arsenic, barium, chromium, copper, lead, nickel, and zinc. These were all present at low levels, which were generally comparable among samples. All metals except zinc had concentrations of below 100 mg/kg. Concentrations of zinc were approximately 30 mg/kg at boring location BCR-1, but an order of magnitude higher (225 to 478 mg/kg) at boring location BCR-2. Concentrations of nickel were 9.4 to 10.9 in BCR-1, but 5 to 10 times higher (52.2 to 95.2) in BCR-2. The deeper samples (BCR-1/2 and BCR-2/2) generally had slightly lower concentrations of metals than did the shallower samples (BCR-1/1 and BCR-2/1). Metals not detected above the reporting limit include cadmium, mercury, selenium, and silver.

All four samples were analyzed for cyanide, but it was not detected above the reporting limit. Only one sample (BCR-2/2) was analyzed for sulfide, but it also was not detected above the reporting limit.

The concentrations of constituents presented in Table 1 are similar to concentrations in four soil borings from outside, but near, the excavated area which were analyzed previously during Phase II of the RFI (SO/GB- 84/2, 86/2, 90/2, and 91/1). The concentrations of VOCs in the current samples (Table 1) are less than, or approximately equal to, concentrations in the previous samples. The concentrations of SVOCs, PCBs, and total petroleum hydrocarbons in the current samples are significantly lower than in the previous samples. The concentrations of metals in the current samples are generally similar to the previous samples, but chromium, copper, and nickel are significantly lower in the current samples.

5.5 DISPOSAL OF MISCELLANEOUS SOIL PILES

Three miscellaneous soil and debris piles were located on the site as shown in Figure 2. These materials remained on-site after demolition of the manufacturing building. Stanley elected to dispose of this material during BCR work as a housekeeping measure. One area was a pile of soil and concrete located northeast of monitoring well MW-B3, the second area was a pile of soil and debris located to the north of the former plating area, and

the third area was a 25-foot by 40-foot area of yellow stained soil located adjacent to the former plating area in the southwest portion of the former plant building.

Analysis of a composite sample from the three soil piles was performed by Envotech Management Services, Inc. of Belleville, Michigan. Based on this analysis the material was classified as a non-RCRA contaminated, non-hazardous substance. The soil was disposed at Wayne Disposal, Inc. of Belleville, Michigan. The disposal manifests for the material are presented as Appendix G.

5.6 BACKFILL EXISTING EXCAVATION ADJACENT TO BUILDING

During demolition of the buildings at the site in 1993, an excavation was performed east of the existing building as shown on Figure 2. During BCR activities water was removed from the excavation using a 5,000-gallon tanker truck. The water was then disposed at Dynecol, Inc. of Detroit, Michigan. The disposal manifest for this water is presented as Appendix H.

After removal of the water, the hole was lined with polyethylene sheeting and backfilled using a sandy fill material from off-site. The material was placed with a bulldozer and was lightly compacted during the backfilling process.

5.7 MISCELLANEOUS SITE GRADING

After completion of IRM and BCR work, the portion of the site west of the former manufacturing plant and east of the BCR was graded to promote positive surface water drainage.

5.8 RESTORATION

Restoration of the BCR area consisted of replacing the fencing which was removed and seeding and mulching the excavated area. Silt fence was placed along the western edge of the excavated area.

A site visit was conducted on April 27, 1995 by a representative of the LCDC. The representative indicated to OBG personnel that the restoration efforts were sufficient for release of the bond posted by OBG Tech for IRM and BCR excavation.

5.9 DECONTAMINATION PROCEDURES

Decontamination of the excavator was required after the machine contacted soils in the BCR area. During container removal activities only the bucket of the excavator contacted potentially contaminated soils surrounding the containers, therefore, only the bucket of the excavator was decontaminated. Decontamination consisted of scraping loose soil from the bucket with shovels and then washing and rinsing the bucket. Due to the small quantity of water used in decontamination of the excavator bucket, washing and rinsing operations took place over an open roll-off box, allowing rinse water to drain to the roll-off box.

6.0 CONCLUSION

The removal and disposal of buried containers, non-soil materials, and excavated soils were completed in accordance with the BCR Work Plan. Twelve deteriorated drums filled with a solid material that was characteristically hazardous for hexachlorobenzene and zinc were removed from the area of concern.

Disposal of miscellaneous soil piles, backfilling of the existing excavation east of the existing building and miscellaneous site grading were completed in accordance with the Addendum to the request for proposals dated July 15, 1994.

TABLE 1
POST-EXCAVATION SOIL ANALYSES

STANLEY TOOLS
FOWLERVILLE, MICHIGAN

Parameter	Analytical Method No.	Sample ID			
		BCR-1/1	BCR-1/2	BCR-2/1	BCR-2/2
<u>Volatile Organic Compounds (µg/kg)</u>					
Benzene	8240	2.2 J	2.2 J	4.8 J	5.1
1,2-Dichloroethene (total)	8240	< 6.1 U	2.6 J	< 5.0 U	< 5.0 §
Methylene chloride	8240	2.0 J	1.5 J	1.7 J	2.2 J
Toluene	8240	1.5 J	2.6 J	3.3	3.7 J
Trichloroethene	8240	< 6.1 U	< 6.4 U	< 5.0 U	9.5
Xylenes (total)	8240	NA	NA	NA	1.7 J
<u>Semivolatile Organic Compounds (µg/kg)</u>					
1,2-Dichlorobenzene	8270	< 400 U	< 420 U	< 330 U	120 J
bis(2-Ethylhexyl) phthalate	8270	94 JB	77 JB	98 JB	86 JB
<u>Polychlorinated Biphenyls (µg/kg)</u>					
Aroclor 1242	8080	< 40 U	< 42 U	330	< 39 U
Aroclor 1248	8080	< 40 U	< 42 U	< 42 U	45
Total Chromatographable organics (mg/kg)	GC/FID	4.1 Jql	8.9 ql	7.0 ql	NA
<u>Inorganics (mg/kg)</u>					
Arsenic	7060	3.9	3.7	26.8	9.5
Barium	6010	81.5	64.8	38.8	28.3
Cadmium	6010	< 0.61 U	< 0.64 U	< 0.63 U	< 0.59 U
Chromium	6010	10.8	9.9	6.1	6.5
Copper	6010	8.1	7.2	3.6	5.7
Lead	7421	8.9	4.7	5.2	3.1
Mercury	7471	< 0.12 U	< 0.13 U	< 0.13 U	< 0.12 U
Nickel	6010	10.9	9.4	95.2	52.2
Selenium	7740	< 0.61 U	< 1.3 U	< 0.63 U	< 1.2 U
Silver	6010	< 1.2 U	< 1.3 U	< 1.3 U	< 1.2 U
Zinc	6010	30.5	30.2	478	225
Cyanide	9010/9012	< 0.61 U	< 0.64 U	< 0.63 U	< 0.59 U
Sulfide (total)	376.2 Mod.	NA	NA	NA	< 0.59 U

NA = Not analyzed.

B = Compound is also detected in the blank.

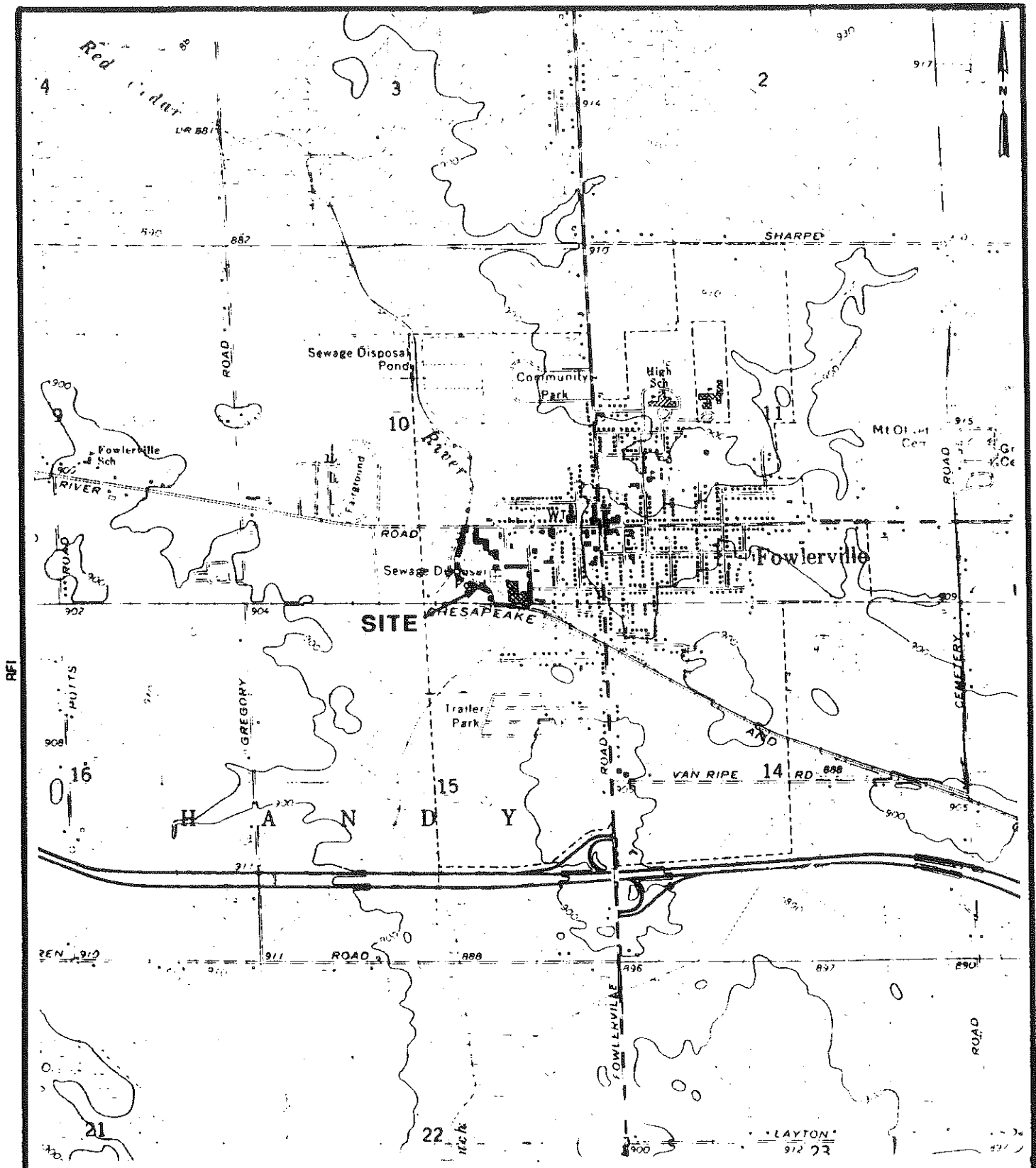
J = Result is detected below the reporting limit or is an estimated concentration.

U = Compound analyzed for but not detected above reporting limit.

q = This sample has GC/FID characteristics for which reliable identification could not be achieved.

l = Sample resembles a hydrocarbon product occurring within the n-alkane range of C12-C32.

§ = trans-1,2-Dichloroethene



0 1000 2000
 APPROXIMATE SCALE IN FEET.



MI
 Quadrangle Location

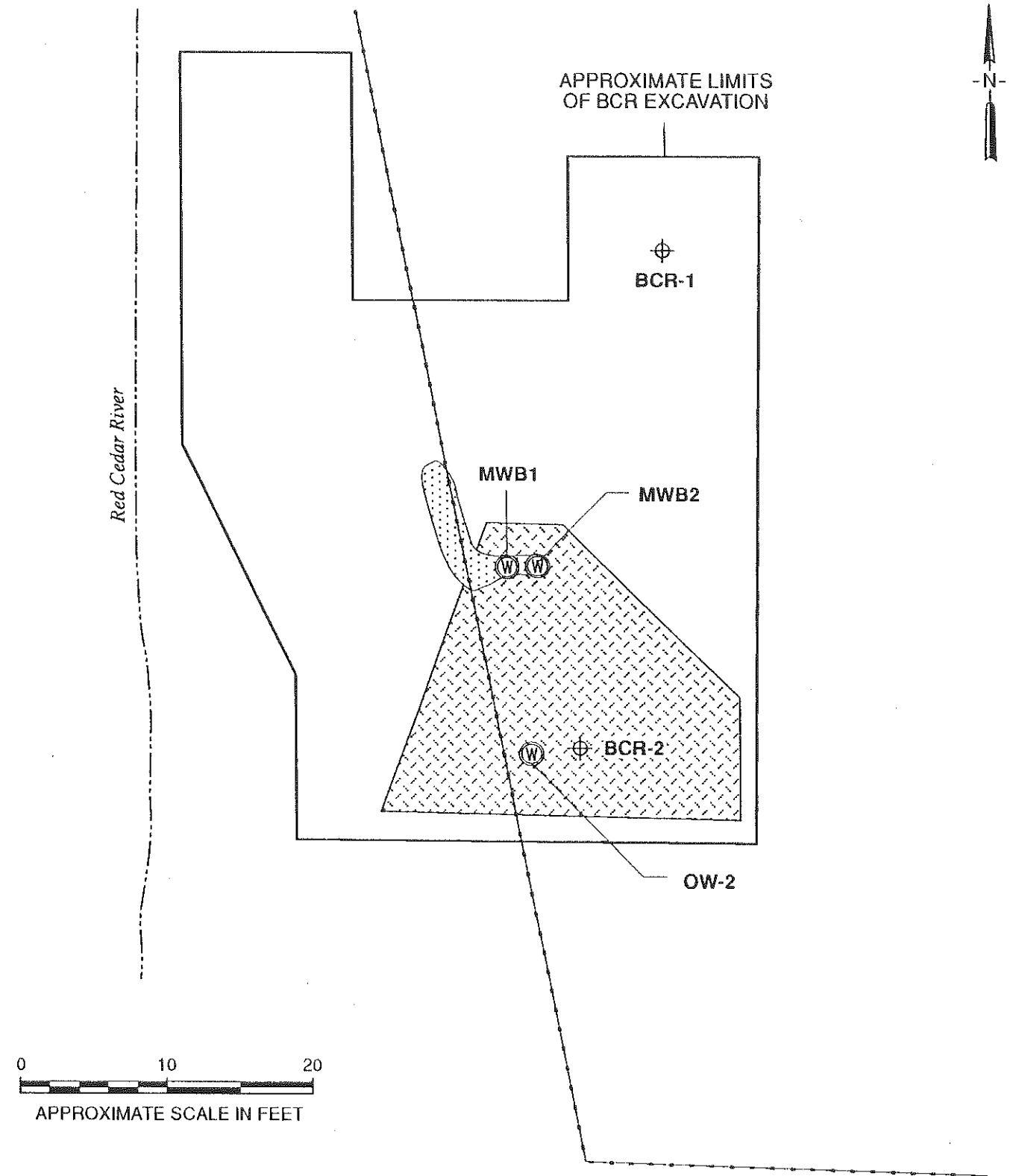
BASE MAP SOURCE: USGS 7 1/2 minute
 topographic quadrangle map: Fowlerville,
 Michigan 1973.

STANLEY TOOLS FOWLERVILLE, MICHIGAN

FIGURE 1
 SITE VICINITY MAP

JOB NO. 3163-055-148

DAMES & MOORE



STANLEY TOOLS FOWLERVILLE, MICHIGAN

FIGURE 3
AREA OF BCR EXCAVATION

A
P
P
E
N
D
I
C
E
S

APPENDIX A

LIVINGSTON COUNTY DRAINAGE PERMIT

LIVINGSTON COUNTY
SOIL EROSION AND SEDIMENTATION CONTROL
ENFORCING AGENCY

GRADING PERMIT

ISSUED TO: Mark Sydorowych
(OWNER)

TO PERFORM GRADING AND EROSION CONTROL WORK

AT The old Stanley Industrial Site, In th Village of Fowlerville
(LOCATION)

THE OWNER HAS AGREED TO COMPLY WITH ALL APPLICABLE RULES AND REGULATIONS OF
LIVINGSTON COUNTY AND TO DO NO WORK NOT SPECIFICALLY COVERED BY THIS PERMIT.

DATE November 04, 1994 NO. 1836 (Eight Thousand Thirty Six)

**THIS CARD MUST BE CONSPICUOUSLY
POSTED AT FRONT OF WORK SITE**

LIVINGSTON COUNTY DRAIN COMMISSIONER
PERMIT

Under the Soil Erosion and Sedimentation Control P.A. 347 of 1972

Permit#: Eight Hundred Thirty Six (#836)

Date Issued: November 04, 1994

Expiration Date: November 04, 1995

Under the provisions of Act 347, P. A. 1972, authority is hereby granted to, Mark Sydorowych, (O'brien Gere Technical Services) To perform neccessary grade work from start to finish for the Removal of Contaminated soils and stabilization of soils disturbed during this procces.

Located in Township of Handy, Village of Fowlerville , Livingston County, Michigan, Section #10 , T3N - R3E.

Work to be done under authority of this permit shall be done in a workmanlike manner in accordance with the approved prints and specifications as prepared by Dames & Moore. as attached, and is subject to the following special restrictions, limitation and instructions :

1. Notify Livingston County Drain Commissioners Office 24Hrs prior to start of grade work.
2. In accordance with Public Act No. 53, of 1974 the permit holder shall call Miss Dig for staking and locating of utilities, at least 72 hours in advance of the start of any work.

REMEMBER ! "BEFORE YOU DIG CALL MISS DIG"

3. Silt fabric fence shall be placed along perimeter on all low lying areas of construction site to filter runoff before leaving project.
4. All temporary erosion control devices shall be installed prior to the start of massive earth disruption.

5. If Plan does not denote a detailed erosion control device to restrict tracking of material onto the highway. Stone diapers shall be installed at all ingress/egress areas of the site prior to the start of massive earth disruption. Diapers shall be of crushed stone and shall be a minimum of 75' in length.

6. All unimproved disturbed areas shall be stripped of topsoil which will be stored on site during the excavating stage. Topsoil piles shall be seeded and mulched, or matted with straw in the non-growing season, immediately after the stripping process, to prevent wind and water erosion.

7. Soil erosion controls shall be monitored daily by the on-site engineer, or contractor, whichever case applies.

8. On site ditches shall be of the flat bottom type minimum width of 2' with a minimum of 3 horizontal to 1 vertical side slopes, 3:1.

9. Steep slopes will need flow checks to prevent scouring of the ditch bottoms. These shall be installed as directed by the engineer or inspector.

10. Slopes in excess of 3 horizontal to 1 vertical shall not be used except with a mechanical device such as a retaining wall, terracing, or other prior approved device.

11. All storm drain outlets that do not empty into the retention/detention pond shall have a temporary 5'x10'x3' sump installed at the termination of the storm sewer. Upon completion of the stabilization work the sump area shall be filled and rip rapped with cobble stone. Silt traps shall be inspected after each storm.

12. Storm water outlets must have rip rap. All outlets shall be rip rapped with a minimum of 15 sq. yards of 6" or larger cobble stone.

13. Rip-rap shall be of cobble stone, 6" in diameter or larger. Grouting may be necessary, and shall be a minimum of 6" in depth with the cobble set in the cement slurry.

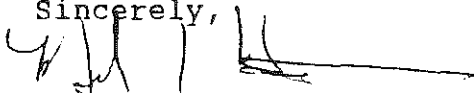
14. All unimproved disturbed areas shall be re-top soiled, with a minimum of 3" of material, seeded, mulched and tacked within 15 days of the completion of the massive earth disruption. In the non-growing season straw matting will suffice. Hydroseeding will be an acceptable alternate for mulching. Extreme care should be exercised in spring and fall periods as a frost will break the bind of the hydroseeding, which will affect the effectiveness of this procedure.

15. In the non growing season, temporary stabilization of massively exposed areas for winter stabilization shall be done with straw matting.

16. Permit fees during the winter period of non construction, (December 1 thru March 31), shall not be imposed if the permit holder temporarily stabilizes the exposed areas with straw matting, and other approved controls, and obtains a winter stabilization certificate from this office.

17. Periodic inspections will be made throughout the course of the project. It will be the responsibility of the managers of the project to contact this office for the final inspection at the end of the project.

Sincerely,



Mark T. Hathaway
Environmental Inspector

cc/ Village of Fowlerville
File

APPENDIX B

PHOTOGRAPHS



PHOTOGRAPH 1: Typical drum found in BCR excavation.



PHOTOGRAPH 2: Drum removed from excavation, contents are typical of all drums removed.



PHOTOGRAPH 3: Typical drums after removal from excavation.



PHOTOGRAPH 4: Drum placed in overpack.

APPENDIX C

BURIED CONTAINER PHYSICAL INFORMATION SHEETS

TABLE 1

**STANLEY TOOLS - CONTAINER REMOVAL
NON-SOIL MATERIAL INFORMATION SHEET**

ID Number BCR-1
Grid Section ID _____

Date 4-18-95
Removed Yes X No _____

Material Type

Container X
Scrap metal or debris _____
Broken concrete _____
Other _____

Container Information

Size *Condition*

Unknown _____ Intact _____
55 gal. X Leaking _____
30 gal. _____ Disintegrating X
Other _____ Empty _____

Surrounding Soil

Clean _____
Slight discoloration _____
Totally discolored X
PID reading 21 PPM
Comments: _____

*Type**Opening*

Unknown _____ Ringtop X
Metal X Bungs _____
Plastic _____ No top X
Fiber _____ Other _____
Other _____

Material Screening Data

Container Contents Yes X No _____
Color BLACK/GRAY
Liquid X
Viscosity WATER
Solid X
Sludge _____
Texture PASTE
Other _____

Color

Primary _____
Secondary _____

Labels or Marks

Labels or Marks Yes _____ No X

Labels Photographed Yes _____ No _____ Nos. _____

Photographed

Yes X No _____ Number _____

Comments

Signed: James C. [Signature]

Date: 4-18-95

TABLE 1

**STANLEY TOOLS - CONTAINER REMOVAL
NON-SOIL MATERIAL INFORMATION SHEET**

ID Number BCR-2
Grid Section ID _____

Date 4-18-95
Removed Yes X No _____

Material Type

Container X
Scrap metal or debris _____
Broken concrete _____
Other _____

Container Information

Size Condition

Unknown _____ Intact _____
55 gal. X Leaking _____
30 gal. _____ Disintegrating X
Other _____ Empty _____

Surrounding Soil

Clean _____
Slight discoloration _____
Totally discolored X
PID reading <1 PPM
Comments: _____

Type**Opening**

Unknown _____ Ringtop _____
Metal X Bungs _____
Plastic _____ No top X
Fiber _____ Other _____
Other _____

Material Screening Data

Container Contents Yes X No _____
Color BLACK/GRAY
Liquid _____
Viscosity _____
Solid X
Sludge _____
Texture PASTE
Other _____

Color

Primary _____
Secondary _____

Labels or Marks

Labels or Marks Yes _____ No X

Labels Photographed Yes _____ No _____ Nos. _____

Photographed

Yes X No _____ Number _____

Comments

Signed: James [Signature]

Date: 4-18-95

TABLE 1

**STANLEY TOOLS - CONTAINER REMOVAL
NON-SOIL MATERIAL INFORMATION SHEET**

ID Number BCR-3
Grid Section ID _____

Date 4-18-95
Removed Yes X No _____

Material Type

Container X
Scrap metal or debris _____
Broken concrete _____
Other _____

Container Information

Size **Condition**

Unknown _____ Intact _____
55 gal. X Leaking _____
30 gal. _____ Disintegrating _____
Other _____ Empty _____

Surrounding Soil

Clean _____
Slight discoloration _____
Totally discolored X
PID reading <1 PPM
Comments: _____

Type**Opening**

Unknown _____ Ringtop _____
Metal X Bungs _____
Plastic _____ No top X
Fiber _____ Other _____
Other _____

Material Screening Data

Container Contents Yes X No _____
Color GRAY/BLACK
Liquid _____
Viscosity _____
Solid X
Sludge _____
Texture PASTE
Other _____

Color

Primary _____
Secondary _____

Labels or Marks

Labels or Marks Yes _____ No X

Labels Photographed Yes _____ No _____ Nos. _____

Photographed

Yes X No _____ Number _____

Comments

Signed James Cape

Date: 4-18-95

TABLE 1

**STANLEY TOOLS - CONTAINER REMOVAL
NON-SOIL MATERIAL INFORMATION SHEET**

ID Number BCR-4
Grid Section ID _____

Date 4-18-95
Removed Yes X No _____

Material Type

Container X
Scrap metal or debris _____
Broken concrete _____
Other _____

Container Information

Size **Condition**

Unknown _____ Intact _____
55 gal. X Leaking _____
30 gal. _____ Disintegrating X
Other _____ Empty _____

Surrounding Soil

Clean _____
Slight discoloration _____
Totally discolored X
PID reading <1 PPM
Comments: _____

Type**Opening**

Unknown _____ Ringtop _____
Metal X Bungs _____
Plastic _____ No top X
Fiber _____ Other _____
Other _____

Material Screening Data

Container Contents Yes X No _____
Color WHITE/RED
Liquid _____
Viscosity _____
Solid X
Sludge _____
Texture PASTE
Other _____

Color

Primary _____
Secondary _____

Labels or Marks

Labels or Marks Yes _____ No X

Labels Photographed Yes _____ No _____ Nos. _____

Photographed

Yes X No _____ Number _____

Comments

Signed: James She

Date: 4-18-95

TABLE 1

**STANLEY TOOLS - CONTAINER REMOVAL
NON-SOIL MATERIAL INFORMATION SHEET**

ID Number BCR-5
Grid Section ID _____

Date 4-18-95
Removed Yes X No _____

Material Type

Container X
Scrap metal or debris _____
Broken concrete _____
Other _____

Container Information

Size *Condition*

Unknown _____ Intact _____
55 gal. X Leaking _____
30 gal. _____ Disintegrating X
Other _____ Empty _____

Surrounding Soil

Clean _____
Slight discoloration _____
Totally discolored X
PID reading CLIPPM
Comments: _____

*Type**Opening*

Unknown _____ Ringtop _____
Metal X Bungs _____
Plastic _____ No top X
Fiber _____ Other _____
Other _____

Material Screening Data

Container Contents Yes X No _____
Color GRAY/RUST
Liquid _____
Viscosity _____
Solid X
Sludge _____
Texture PASTE
Other _____

Color

Primary _____
Secondary _____

Labels or Marks

Labels or Marks Yes _____ No X

Labels Photographed Yes _____ No _____ Nos. _____

Photographed

Yes X No _____ Number _____

Comments

Signed: James L. [Signature]

Date: 4-18-95

TABLE 1

STANLEY TOOLS - CONTAINER REMOVAL
NON-SOIL MATERIAL INFORMATION SHEET

ID Number <u>BCR-G</u>		Date <u>4-18-95</u>	
Grid Section ID _____		Removed Yes <u>X</u> No _____	
Material Type		Container Information	
		Size	Condition
Container	<u>X</u>	Unknown	Intact
Scrap metal or debris	_____	55 gal. <u>X</u>	Leaking
Broken concrete	_____	30 gal.	Disintegrating <u>X</u>
Other	_____	Other	Empty
_____		_____	_____
_____		_____	_____
Surrounding Soil		Type	Opening
Clean	_____	Unknown	Ringtop
Slight discoloration	_____	Metal <u>X</u>	Bungs
Totally discolored	<u>X</u>	Plastic	No top <u>X</u>
PID reading	<u><1 PPM</u>	Fiber	Other
Comments:	_____	Other	_____
_____	_____	_____	_____
_____	_____	_____	_____
Material Screening Data		Color	
Container Contents Yes <u>X</u> No _____		Primary	_____
Color	<u>BLACK/GRAY</u>	Secondary	_____
Liquid	_____		
Viscosity	_____		
Solid	<u>X</u>		
Sludge	_____	Labels or Marks	
Texture	<u>PASTE</u>	Labels or Marks Yes _____ No <u>X</u>	
Other	_____	Labels Photographed Yes _____ No _____ Nos. _____	
_____	_____		
Photographed			
Yes <u>X</u> No _____	Number _____		
Comments			

Signed: <u>James Edr</u>		Date: <u>4-18-95</u>	

TABLE 1

**STANLEY TOOLS - CONTAINER REMOVAL
NON-SOIL MATERIAL INFORMATION SHEET**

ID Number BCR-7
Grid Section ID _____

Date 4-18-95
Removed Yes X No _____

Material Type

Container X
Scrap metal or debris _____
Broken concrete _____
Other _____

Container Information

Size **Condition**

Unknown _____ Intact _____
55 gal. X Leaking _____
30 gal. _____ Disintegrating X
Other _____ Empty _____

Surrounding Soil

Clean _____
Slight discoloration _____
Totally discolored X
PID reading <1PPM
Comments: _____

Type**Opening**

Unknown _____ Ringtop _____
Metal X Bungs _____
Plastic _____ No top X
Fiber _____ Other _____
Other _____

Material Screening Data

Container Contents Yes X No _____
Color GRAY/BLACK
Liquid _____
Viscosity _____
Solid X
Sludge _____
Texture PASTE
Other _____

Color

Primary _____
Secondary _____

Labels or Marks

Labels or Marks Yes _____ No X

Labels Photographed Yes _____ No _____ Nos. _____

Photographed

Yes X No _____ Number _____

Comments

Signed: James [Signature]

Date: 4-18-95

TABLE 1

**STANLEY TOOLS - CONTAINER REMOVAL
NON-SOIL MATERIAL INFORMATION SHEET**

ID Number BCR-8
Grid Section ID _____

Date 4-18-95
Removed Yes X No _____

Material Type

Container X
Scrap metal or debris _____
Broken concrete _____
Other _____

Container Information

Size **Condition**

Unknown _____ Intact _____
55 gal. X Leaking _____
30 gal. _____ Disintegrating X
Other _____ Empty _____

Surrounding Soil

Clean _____
Slight discoloration _____
Totally discolored X
PID reading <1 PPM
Comments: _____

Type**Opening**

Unknown _____ Ringtop _____
Metal X Bungs _____
Plastic _____ No top X
Fiber _____ Other _____
Other _____

Material Screening Data

Container Contents Yes X No _____
Color BLACK / BROWN
Liquid _____
Viscosity _____
Solid X
Sludge _____
Texture PASTE
Other _____

Color

Primary _____
Secondary _____

Labels or Marks

Labels or Marks Yes _____ No X

Labels Photographed Yes _____ No _____ Nos. _____

Photographed

Yes X No _____ Number _____

Comments

Signed: Jamir Edge

Date: 4-18-95

TABLE 1

**STANLEY TOOLS - CONTAINER REMOVAL
NON-SOIL MATERIAL INFORMATION SHEET**

ID Number BCR-9
Grid Section ID _____

Date 4-18-95
Removed Yes X No _____

Material Type

Container X
Scrap metal or debris _____
Broken concrete _____
Other _____

Container Information

Size **Condition**

Unknown _____ Intact _____
55 gal. X Leaking _____
30 gal. _____ Disintegrating X
Other _____ Empty _____

Surrounding Soil

Clean _____
Slight discoloration _____
Totally discolored X
PID reading <1 PPM
Comments: _____

Type**Opening**

Unknown _____ Ringtop _____
Metal X Bungs _____
Plastic _____ No top X
Fiber _____ Other _____
Other _____

Material Screening Data

Container Contents Yes X No _____
Color BLACK/BROWN
Liquid _____
Viscosity _____
Solid X
Sludge _____
Texture PASTE
Other _____

Color

Primary _____
Secondary _____

Labels or Marks

Labels or Marks Yes _____ No X

Labels Photographed Yes _____ No _____ Nos. _____

Photographed

Yes X No _____ Number _____

Comments

Signed: James E. [Signature]

Date: 4-18-95

TABLE 1

STANLEY TOOLS - CONTAINER REMOVAL NON-SOIL MATERIAL INFORMATION SHEET

ID Number BCK-10
Grid Section ID _____

Date 4-18-95
Removed Yes X No _____

Material Type

Container X
Scrap metal or debris _____
Broken concrete _____
Other _____

Container Information

Size	Condition
Unknown _____	Intact _____
55 gal. <u>X</u>	Leaking _____
30 gal. _____	Disintegrating <u>X</u>
Other _____	Empty _____

Surrounding Soil

Clean _____
Slight discoloration _____
Totally discolored X
PID reading 21 PPM
Comments: _____

Type Opening

Unknown _____	Ringtop _____
Metal <u>X</u>	Bungs _____
Plastic _____	No top <u>X</u>
Fiber _____	Other _____
Other _____	

Material Screening Data

Container Contents Yes X No _____
Color BLACK/GRAY
Liquid _____
Viscosity _____
Solid X
Sludge _____
Texture PASTE
Other _____

Color

Primary _____
Secondary _____

Labels or Marks

Labels or Marks Yes _____ No X

Labels Photographed Yes _____ No _____ Nos. _____

Photographed

Yes X No _____ Number _____

Comments

Signed: [Signature]

Date: 4-18-95

TABLE 1

**STANLEY TOOLS - CONTAINER REMOVAL
NON-SOIL MATERIAL INFORMATION SHEET**

ID Number BCR-11
Grid Section ID _____

Date 4-20-95
Removed Yes X No _____

Material Type

Container X
Scrap metal or debris _____
Broken concrete _____
Other _____

Container Information

Size *Condition*

Unknown	_____	Intact	_____
55 gal.	<u>X</u>	Leaking	_____
30 gal.	_____	Disintegrating	<u>X</u>
Other	_____	Empty	_____

Surrounding Soil

Clean _____
Slight discoloration _____
Totally discolored X
PID reading < 1 PPM
Comments: _____

*Type**Opening*

Unknown	_____	Ringtop	_____
Metal	<u>X</u>	Bungs	_____
Plastic	_____	No top	<u>X</u>
Fiber	_____	Other	_____
Other	_____		_____

Material Screening Data

Container Contents Yes X No _____
Color GRAY/BLACK
Liquid _____
Viscosity _____
Solid _____
Sludge _____
Texture _____
Other _____

Color

Primary _____
Secondary _____

Labels or Marks

Labels or Marks Yes _____ No X

Labels Photographed Yes _____ No _____ Nos. _____

Photographed

Yes X No _____ Number _____

Comments

Signed: James [Signature]

Date: 4-20-95

TABLE 1

**STANLEY TOOLS - CONTAINER REMOVAL
NON-SOIL MATERIAL INFORMATION SHEET**

ID Number BCR-12
Grid Section ID _____

Date 4-20-95
Removed Yes X No _____

Material Type

Container X
Scrap metal or debris _____
Broken concrete _____
Other _____

Container Information

Size **Condition**

Unknown _____ Intact _____
55 gal. X Leaking _____
30 gal. _____ Disintegrating X
Other _____ Empty _____

Surrounding Soil

Clean _____
Slight discoloration _____
Totally discolored X
PID reading <1 PPM
Comments: _____

Type**Opening**

Unknown _____ Ringtop _____
Metal X Bungs _____
Plastic _____ No top X
Fiber _____ Other _____
Other _____

Material Screening Data

Container Contents Yes X No _____
Color BLACK/GRAY
Liquid _____
Viscosity _____
Solid X
Sludge _____
Texture PASTE
Other _____

Color

Primary _____
Secondary _____

Labels or Marks

Labels or Marks Yes _____ No X

Labels Photographed Yes _____ No _____ Nos. _____

Photographed

Yes X No _____ Number _____

Comments

Signed: James Esparber

Date: 4-20-95

APPENDIX D

STAINED BCR SOIL AND DRUM MATERIAL ANALYSIS

ENVOTECH MANAGEMENT SERVICES, INC.
ANALYTICAL LABORATORY
49350 N. I-94 SERVICE DRIVE
BELLEVILLE, MI. 48111

April 27, 1995

O'Brien & Grere Technical Svcs.
700 West Johnson Ave. Suite 101
Cheshire, CT 06410-1135

*Soil drum
Composite*

Dear: O'Brien Svcs.:

Below are results of analysis of the sample received for examination on April 24, 1995:

Sample I.D. AA02775 CLIENT CODE: 000
Purchase order number: VERBAL Tracking number: 5095
Generator name: Stanley Tool Workers
Waste Name: SOIL COMPOSITE
Sample collection date: 04/24/95 Time: 08:55
Lab submittal date: 04/24/95 Time: 08:55

TEST PARAMETER	UNITS	TEST RESULT	DETECT LIMIT
FLASHPOINT	DEG F	>140	1
PH	SI UNITS	7.31	0.10
REACTIVE SULFIDE	MG/KG	<100	100
TOTAL CYANIDE	MG/KG	0.68	0.50

Multicomponent analysis: TCLP METALS--RCRA/MDNR LIST

SELENIUM	MG/L	Less than	0.10
ARSENIC	MG/L	Less than	0.06
ANTIMONY	MG/L	Less than	0.10
ZINC	MG/L	585	0.10
LEAD	MG/L	0.14	0.04
CADMIUM	MG/L	0.22	0.01
BARIUM	MG/L	2.99	0.01
BERYLLIUM	MG/L	Less than	0.0005
CHROMIUM	MG/L	0.16	0.01
VANADIUM	MG/L	Less than	0.10
COPPER	MG/L	6.40	0.01
SILVER	MG/L	0.01	0.01
NICKEL	MG/L	10	0.08
THALLIUM	MG/L	Less than	0.10
MERCURY	MG/L	Less than	0.005

Multicomponent analysis: ORGANIC TCLP-ZHB, BNA, HERBS, PESTS

1,4-Dichlorobenzene	MG/L	Less Than	0.10
MEK	MG/L	Less Than	0.10
Chloroform	MG/L	Less Than	0.10
Benzene	MG/L	Less Than	0.10
Carbon Tetrachloride	MG/L	Less Than	0.10
1,2-Dichloroethane	MG/L	Less Than	0.10
1,1-Dichloroethylene	MG/L	Less Than	0.20

O'Brien & Greer Technical Svcs. Sample I.D. AA02775 (continued)
 Page: 2
 April 27, 1995

TEST PARAMETER	UNITS	TEST RESULT	DETECTIC LIMIT
Multicomponent analysis: ORGANIC TCLP-ZHE, BNA, HERBS, PESTS (continued)			
Vinyl Chloride	MG/L	Less Than	0.10
Trichloroethylene	MG/L	Less Than	0.09
Tetrachloroethylene	MG/L	Less Than	0.05
Chlorobenzene	MG/L	Less Than	0.05
1,4-Dichlorobenzene	MG/L	Less Than	0.50
2,4-Dinitrotoluene	MG/L	Less than	0.10
Hexachlorobenzene	MG/L	0.15	0.10
Hexachloroethane	MG/L	Less Than	0.10
Nitrobenzene	MG/L	Less Than	0.50
Pyridine	MG/L	Less Than	1.0
Hexachlorobutadiene	MG/L	Less Than	0.50
o-Cresol	MG/L	Less Than	10
m-Cresol	MG/L	Less Than	10
p-Cresol	MG/L	Less Than	10
Cresol	MG/L	Less Than	10
Pentachlorophenol	MG/L	Less Than	10
2,4,5-Trichlorophenol	MG/L	Less Than	10
2,4,6-Trichlorophenol	MG/L	Less Than	1
Chlordane	MG/L	Less Than	0.01
Endrin	MG/L	Less Than	0.01
Heptachlor	MG/L	Less Than	0.006
Heptachlor epoxide	MG/L	Less Than	0.006
Lindane	MG/L	Less Than	0.01
Methoxychlor	MG/L	Less Than	1
Toxaphene	MG/L	Less Than	0.3
Silvex	MG/L	Less Than	1
2,4-D	MG/L	Less Than	1
Multicomponent analysis: TOTAL PCB			
AROCLOR 1016	MG/KG	LESS THAN	1.0
AROCLOR 1221	MG/KG	LESS THAN	1.0
AROCLOR 1232	MG/KG	LESS THAN	1.0
AROCLOR 1242	MG/KG	LESS THAN	1.0
AROCLOR 1248	MG/KG	LESS THAN	1.0
AROCLOR 1254	MG/KG	LESS THAN	1.0
AROCLOR 1260	MG/KG	LESS THAN	1.0
TOTAL PCBs	MG/KG	LESS THAN	1.0

Please advise should you have questions concerning these data.

Respectfully submitted,

CHARLES E. ROBERTS
 QA/QC OFFICER

BELINDA PERO
 LAB MANAGER

ENVOTECH MANAGEMENT SERVICES, INC.
ANALYTICAL LABORATORY
49350 N. I-94 SERVICE DRIVE
BELLEVILLE, MI. 48111

April 27, 1995

O'Brien & Greer Technical Svcs.
700 West Johnson Ave. Suite 101
Cheshire, CT 06410-1135

Dear: O'Brien Svcs.:

Soil composite

Below are results of analysis of the sample received for examination on April 24, 1995:

Sample I.D. AA02774 CLIENT CODE: 000
Purchase order number: VERBAL Tracking number: 5096
Generator name: Stanley Tool Workers
Waste Name: SOIL COMPOSITE
Sample collection date: 04/24/95 Time: 08:55
Lab submittal date: 04/24/95 Time: 08:55

TEST PARAMETER	UNITS	TEST RESULT	DETECTIC LIMIT
FLASHPOINT	DEG F	>140	1
PH	SI UNITS	7.23	0.10
REACTIVE SULFIDE	MG/KG	<100	100
TOTAL CYANIDE	MG/KG	<0.5	0.50

Multicomponent analysis: TCLP METALS--RCRA/MDNR LIST

SELENIUM	MG/L	Less than	0.10
ARSENIC	MG/L	Less than	0.06
ANTIMONY	MG/L	Less than	0.10
ZINC	MG/L	201	0.10
LEAD	MG/L	Less than	0.04
CADMIUM	MG/L	Less than	0.01
BARIUM	MG/L	2.2	0.01
BERYLLIUM	MG/L	Less than	0.0005
CHROMIUM	MG/L	0.01	0.01
VANADIUM	MG/L	Less than	0.10
COPPER	MG/L	4.9	0.01
SILVER	MG/L	0.01	0.01
NICKEL	MG/L	7	0.08
THALLIUM	MG/L	Less than	0.10
MERCURY	MG/L	Less than	0.005

Multicomponent analysis: ORGANIC TCLP-ZHE, BNA, HERBS, PESTS

1,4-Dichlorobenzene	MG/L	Less Than	0.10
MEK	MG/L	Less Than	0.10
Chloroform	MG/L	Less Than	0.10
Benzene	MG/L	Less Than	0.10
Carbon Tetrachloride	MG/L	Less Than	0.10
1,2-Dichloroethane	MG/L	Less Than	0.10
1,1-Dichloroethylene	MG/L	Less Than	0.20

O'Brien & Greer Technical Svcs. Sample I.D. AA02774 (continued)
 Page: 2
 April 27, 1995

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
Multicomponent analysis: ORGANIC TCLP-ZNR, BNA, HERBS, PESTS (continued)			
Vinyl Chloride	MG/L	Less Than	0.10
Trichloroethylene	MG/L	Less Than	0.09
Tetrachloroethylene	MG/L	Less Than	0.05
Chlorobenzene	MG/L	Less Than	0.05
1,4-Dichlorobenzene	MG/L	Less Than	0.50
2,4-Dinitrotoluene	MG/L	Less Than	0.10
Hexachlorobenzene	MG/L	Less Than	0.10
Hexachloroethane	MG/L	Less Than	0.10
Nitrobenzene	MG/L	Less Than	0.50
Pyridine	MG/L	Less Than	1.0
Hexachlorobutadiene	MG/L	Less Than	0.50
o-Cresol	MG/L	Less Than	10
m-Cresol	MG/L	Less Than	10
p-Cresol	MG/L	Less Than	10
Cresol	MG/L	Less Than	10
Pentachlorophenol	MG/L	Less Than	10
2,4,5-Trichlorophenol	MG/L	Less Than	10
2,4,6-Trichlorophenol	MG/L	Less Than	1
Chlordane	MG/L	Less Than	0.01
Endrin	MG/L	Less Than	0.01
Heptachlor	MG/L	Less Than	0.006
Heptachlor epoxide	MG/L	Less Than	0.006
Lindane	MG/L	Less Than	0.01
Methoxychlor	MG/L	Less Than	1
Toxaphene	MG/L	Less Than	0.3
Silvex	MG/L	Less Than	1
2,4-D	MG/L	Less Than	1
Multicomponent analysis: TOTAL PCB			
AROCLOR 1016	MG/KG	LESS THAN	1.0
AROCLOR 1221	MG/KG	LESS THAN	1.0
AROCLOR 1232	MG/KG	LESS THAN	1.0
AROCLOR 1242	MG/KG	LESS THAN	1.0
AROCLOR 1248	MG/KG	LESS THAN	1.0
AROCLOR 1254	MG/KG	LESS THAN	1.0
AROCLOR 1260	MG/KG	LESS THAN	1.0
TOTAL PCBs	MG/KG	LESS THAN	1.0

Please advise should you have questions concerning these data.

Respectfully submitted,

Charles E. Roberts

CHARLES E. ROBERTS
 QA/QC OFFICER

BELINDA PERO
 LAB MANAGER

APPENDIX E

BCR SOIL DISPOSAL MANIFESTS

DNR
MICHIGAN DEPARTMENT
OF NATURAL RESOURCES

DO NOT WRITE IN THIS SPACE

ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

1979, as amended and Act 136, P.A. 1969.

Failure to file is punishable under section 299.548 MCL or Section 10 of Act 136, P.A. 1969.

Form Approved. OMB No. 2050-0039 Expires 9-30-94

Please print or type.

UNIFORM HAZARDOUS
WASTE MANIFEST

1. Generator's US EPA ID No.

M I D O 9 1 2 4 2 9 9

Manifest

12387

2. Page 1

of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address

Stanley Tools
425 Frank St., Fowlerville, MI 48836

Mail to: William Guerrera
The Stanley Works

1000 Stanley Dr., New Britain, CT

A. State Manifest Document Number

MI 3450819

B. State Generator's ID

06053

4. Generator's Phone (203) 827-3802

5. Transporter 1 Company Name
Young's Environmental Cleanup, Inc.

6. US EPA ID Number

M I D 1 0 6 8 6 9 5 0 6

C. State Transporter's ID

D. Transporter's Phone (810) 789-7155

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address

Wayne Disposal, Inc.
49350 N. I-94 Service Dr.
Belleville, MI 48111

10. US EPA ID Number

M I D 0 4 8 0 9 0 6 3 3

G. State Facility's ID

H. Facility's Phone

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).
HM

12. Containers

No. Type

13. Total Quantity

14. Unit Wt/Vol

I. Waste No.

N/H

a. Contaminated Soil, NHCS, Non-RCRA, Non-Hazardous

0 0 1 D T 20 Y

J. Additional Descriptions for Materials Listed Above

Approval #52595WA

K. Handling Codes for Wastes Listed Above

a/ /
b/ /
c/ /
d/ /

15. Special Handling Instructions and Additional Information

If spilled, dike area, contain in drums, call CHEMTREC 800-424-9300.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

JOHN E. CHAPERON

Signature

John E. Chaperon

Date
Month Day Year
06 02 95

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Stephen Hoffman

Signature

Stephen Hoffman

Date
Month Day Year
06 02 95

18. Transporter 2 Acknowledgement or Receipt of Materials

Printed/Typed Name

Signature

Date
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Date
Month Day Year

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOURS PER DAY

DNR
MICHIGAN DEPARTMENT
OF NATURAL RESOURCES

DO NOT WRITE IN THIS SPACE

ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

1979, as amended and Act 136, P.A. 1989.

Failure to file is punishable under section 299.548 MCL or Section 10 of Act 136, P.A. 1989.

Form Approved OMB No. 2050-0039 Expires 9-30-94

Please print or type.

UNIFORM HAZARDOUS
WASTE MANIFEST

1 Generator's US EPA ID No.

MI 100 9912 42 90

Manifest Document No.

10507

2 Page 1 of 1

Information in the shaded areas is not required by Federal law.

3 Generator's Name and Mailing Address

Stanley Tools
425 Frank St., Fowlerville, MI 48836

Mail to: William Guerrero

The Stanley Works

1000 Stanley Dr., New Britain, CT 06053

A. State Manifest Document Number

MI 3450819

B. State Generator's ID

00053

4 Generator's Phone (203) 827-3882

6. US EPA ID Number

MI 100 10 68 69 50 4

C. State Transporter's ID

D. Transporter's Phone (810) 789-7155

5. Transporter 1 Company Name

Young's Environmental Cleanup, Inc.

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

7. Transporter 2 Company Name

10. US EPA ID Number

G. State Facility's ID

H. Facility's Phone

9 Designated Facility Name and Site Address

Wayne Disposal, Inc.
48380 N. I-94 Service Dr.
Bellefonte, MI 48811

MI 100 0 68 09 06 3

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).

HM

12. Containers

No. Type

13. Total Quantity

14. Unit Wt/Vol

1. Waste No.

N/H

a.

Contaminated Soil, HCS, Non-RCRA, Non-Hazardous

901

9T

4420Y

b.

c.

d.

14. Additional Descriptions for Materials Listed Above

Approval #52595MA

K. Handling Codes for Wastes Listed Above

a/ /

b/ /

c/ /

d/ /

15. Special Handling Instructions and Additional Information

If spilled, dike area, contain in drums call CHEMTREC 800-424-9300.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled; and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

Signature

Date
Month Day Year

06/16/95

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date

Month Day Year

06/22/95

18. Transporter 2 Acknowledgement or Receipt of Materials

Printed/Typed Name

Signature

Date

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Date
Month Day Year

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-6802 24 HOURS PER DAY

DNR
MICHIGAN DEPARTMENT
OF NATURAL RESOURCES

DO NOT WRITE IN THIS SPACE

ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

1379 as amended and Act 36 PA. 1969.

Failure to file is punishable under section 299.548 MCL or Section 10 of Act 136, PA. 1969.

Form Approved. OMB No. 2050-0039 Expires 9-30-94

Please print or type

**UNIFORM HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

M I D O 9 9 1 2 4 2 9 9

Manifest

Document No.

2. Page 1

of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address

Stanley Tools
425 Frank St., Fowlerville, MI 48836

Mail to: William Guerrera
The Stanley Works
1000 Stanley DR., New Britain,

A. State Manifest Document Number

MI 3450813

B. State Generator's ID

CT 06053

4. Generator's Phone (203) 827-3802

5. Transporter 1 Company Name

Young's Environmental Cleanup, Inc.

6. US EPA ID Number

M I D 1 0 1 6 1 8 1 6 9 5 0 1 6

C. State Transporter's ID

D. Transporter's Phone (810) 789-7155

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address

Wayne Disposal, Inc.
49350 N. I-94 Service Dr.
Belleville, MI 48111

10. US EPA ID Number

M I D 0 4 1 8 0 9 0 6 3 3

G. State Facility's ID

H. Facility's Phone

11. US DOT Description (including Proper Shipping Name, Hazard Class, and HM ID NUMBER).

12. Containers

No.

Type

13. Total

Quantity

14. Unit

Vol/Vol

I. Waste

No.

N/H

a. Contaminated Soil, NHCS, Non RCRA, Non-Hazardous

0 0 1 D T 0 0 2 0 Y

b.

c.

d.

J. Additional Descriptions for Materials Listed Above

Approval #52595WA

K. Handling Codes for Wastes Listed Above

a/ /

b/ /

c/ /

d/ /

15. Special Handling Instructions and Additional Information

If spilled, dike area, contain in drums, call CHEMTREC 800-424-9300.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

John E. CHAPERON

Signature

John E. Chaperon

Date
Month Day Year
10 0 2 9 5

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Stephen Hoffman

Signature

Stephen Hoffman

Date
Month Day Year
10 0 2 9 5

18. Transporter 2 Acknowledgement or Receipt of Materials

Printed/Typed Name

Signature

Date
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name

Signature

Date
Month Day Year

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-282-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOURS PER DAY.

DNR
MICHIGAN DEPARTMENT
OF NATURAL RESOURCES

DO NOT WRITE IN THIS SPACE

ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

1979, as amended and Act 136, P.A. 1989.

Failure to file is punishable under section 299.548 MCL or Section 10 of Act 136, P.A. 1989.

Form Approved OMB No. 2050-0039 Expires 9-30-94

Please print or type.

UNIFORM HAZARDOUS
WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address

Stanley Tools
425 Frank St., Fowlerville, MI 48836

Mail to: William Gorrers
The Stanley Works
1800 Stanley Dr., New Britain, CT 06053

A. State Manifest Document Number
MI 3450813

B. State Generator's ID
CT 06053

4. Generator's Phone (203) 827-3882

6. US EPA ID Number

MI 10106069506

C. State Transporter's ID

D. Transporter's Phone (616) 789-7155

5. Transporter 1 Company Name

Young's Environmental Cleanup, Inc.

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

7. Transporter 2 Company Name

10. US EPA ID Number

G. State Facility's ID

H. Facility's Phone

9. Designated Facility Name and Site Address

Wayne Disposal, Inc.
49350 E. I-94 Service Dr.
Bellerose, MI 48111

MI 10040090631

11. US DOT Description (including Proper Shipping Name, Hazard Class, and HM ID NUMBER).

12. Containers

13. Total Quantity

14. Unit Wt/Vol

I. Waste No.

N/H

a. Contaminated Soil, NMCS, Non RCRA, Non-Hazardous

001 01 0020 Y

b.

c.

d.

J. Additional Descriptions for Materials Listed Above

Approval #5259508

K. Handling Codes for Wastes Listed Above

a/ /

b/ /

c/ /

d/ /

15. Special Handling Instructions and Additional Information

If spilled, dike area, contain in drums, call CHEMTREC 800-424-9300.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled; and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

Signature

Date
Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date
Month Day Year

18. Transporter 2 Acknowledgement or Receipt of Materials

Printed/Typed Name

Signature

Date
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name

Signature

Date
Month Day Year

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-282-4708 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-6802 24 HOURS PER DAY

DNR
MICHIGAN DEPARTMENT
OF NATURAL RESOURCES

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

1973 as amended and Act 136, P.A. 1969.

Failure to file is punishable under section 299.548 MCL or Section 10 of Act 136, P.A. 1969.

Form Approved. OMB No. 2050-0039 Expires 9-30-94

Please print or type

**UNIFORM HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

M I D 0 9 9 1 2 4 2 9 9 1 2 3 2 4

Manifest Document No.

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address

Stanley Tools
425 Frank St., Fowlerville, MI 48836

Mail to: William Guerrero
The Stanley Works

4. Generator's Phone (203) 827-3802

1000 Stanley Dr., New Britain, CT 06053

5. Transporter 1 Company Name

Young's Environmental Cleanup, Inc.

6. US EPA ID Number

M I D 1 1 0 6 8 6 9 5 0 6

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

Wayne Disposal, Inc.
49350 N. I-94 Service Dr.
Belleville, MI 48111

10. US EPA ID Number

M I D 0 4 8 0 9 0 6 3 3

A. State Manifest Document Number
MI 3450814

B. State Generator's ID
CT 06053

C. State Transporter's ID

D. Transporter's Phone (810) 789-7155

E. State Transporter's ID

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).
HM

12. Containers

No.

Type

13. Total Quantity

14. Unit Wt./Vol

I. Waste No.

N/H

a. Contaminated Soil, NHCS, Non-RCRA, Non-Hazardous

0 10 1

DIT

00020 Y

02814

J. Additional Descriptions for Materials Listed Above

Approval #52595Wa

K. Handling Codes for Wastes Listed Above

a/ /

b/ /

c/ /

d/ /

15. Special Handling Instructions and Additional Information

If spilled, dike area, contain in drums, call CHEMTREC 800-424-9300.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

JOHN E. CHAPERON

Signature

John E. Chaperon

Date

Month Day Year
06 09 1995

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Stephen Hoffman

Signature

Stephen Hoffman

Date

Month Day Year
06 09 1995

18. Transporter 2 Acknowledgement or Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name

Signature

Date

Month Day Year

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8602 24 HOURS PER DAY.

DNR
MICHIGAN DEPARTMENT
OF NATURAL RESOURCES

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

1979 as amended and Act 106 of 1969
Failure to file is punishable under section 299.548 MCL or Section 10 of Act 136, P.A. 1969.

Form Approved. OMB No. 2050-0039 Expires 9-30-94

Please print or type

UNIFORM HAZARDOUS
WASTE MANIFEST

1. Generator's US EPA ID No.

MI D 0 9 1 2 4 2 9 9 1 0 3 2 3

Manifest

2. Page 1

of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address

Stanley Tools
425 Frank St., Fowlerville, MI 48836

Mail to: William Guerrera
The Stanley Works

1000 Stanley Dr., New Britain, CT 06053

A. State Manifest Document Number

MI 3450815

B. State Generator's ID

4. Generator's Phone ()

5. Transporter 1 Company Name

Young's Environmental Cleanup, Inc.

6. US EPA ID Number

MI D 1 0 6 8 6 9 5 0 6

C. State Transporter's ID

D. Transporter's Phone (810) 789-7155

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address

Wayne Disposal, Inc.
49350 N I-94 Service Dr.
Belleville, MI 48111

10. US EPA ID Number

MI D 0 4 8 0 9 0 6 3 3

G. State Facility's ID

H. Facility's Phone

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).
HM

12. Containers

No.

Type

13. Total Quantity

14. Unit

Wt./Vol

I. Waste No.

N/H

a. Contaminated Soil, NHCS, Non-RCRA, Non-hazardous

0 0 1

D T

20 Y

J. Additional Descriptions for Materials Listed Above

Approval #52595WA

K. Handling Codes for Wastes Listed Above

a/ /

b/ /

c/ /

d/ /

15. Special Handling Instructions and Additional Information

If spilled, dike area, contain in drums, call CHEMTREC 800-424-9300.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

John E. CHAPERON

Signature

John E. Chaperon

Date

Month Day Year

06/01/95

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Stephen Hoffman

Signature

Stephen Hoffman

Date

Month Day Year

06/01/95

18. Transporter 2 Acknowledgement or Receipt of Materials

Printed/Typed Name

Signature

Date

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Date

Month Day Year

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-282-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-6802 24 HOURS PER DAY

DNR
MICHIGAN DEPARTMENT
OF NATURAL RESOURCES

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

1979, as amended and Act 136, P.A.
1989.

Failure to file is punishable under
section 296.548 MCL or Section 10 of
Act 136, P.A. 1989.

Form Approved OMB No. 2050-0039 Expires 9-30-93

Please print or type

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. MI 000 9 1242 9 9 1000	Manifest Document No. MI 000 9 1242 9 9 1000	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address Stanley Tools 425 Frank St., Fowlerville, MI 48836			Mail to: William Gessera The Stanley Works 1000 Stanley Dr., New Britain, CT 06053		A. State Manifest Document Number MI 3450815
4. Generator's Phone ()			6. US EPA ID Number MI 000 9 1242 9 9 1000		B. State Generator's ID
5. Transporter 1 Company Name Tenn's Environmental Cleanup, Inc.			7. US EPA ID Number MI 000 9 1242 9 9 1000		C. State Transporter's ID
7. Transporter 2 Company Name			8. US EPA ID Number		D. Transporter's Phone (410) 789-7155
9. Designated Facility Name and Site Address Wayne Disposal, Inc. 49350 E I-94 Service Dr. Bellefonte, MI 48811			10. US EPA ID Number MI 000 9 1242 9 9 1000		E. State Transporter's ID
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER) HM Contaminated Soil, HXCS, Non-RCRA, Non-hazardous			12. Containers No. Type 001 RT 40020Y		F. Transporter's Phone
13. Total Quantity			14. Unit M/Vol		G. State Facility's ID
15. Special Handling Instructions and Additional Information If spilled, dike area, contain in drum, call CHEMTREC 800-424-9300.			K. Handling Codes for Wastes Listed Above a/ / b/ / c/ / d/ /		H. Facility's Phone
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name John Gessera			Signature John Gessera		Date Month Day Year 06/01/95
17. Transporter 1 Acknowledgement of Receipt of Materials			Signature Stephen Hoffman		Date Month Day Year 06/01/95
18. Transporter 2 Acknowledgement of Receipt of Materials			Signature		Date Month Day Year
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name			Signature		Date Month Day Year

DNR
MICHIGAN DEPARTMENT
OF NATURAL RESOURCES

DO NOT WRITE IN THIS SPACE

ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

1979, as amended and Act 136, P.A. 1969.

Failure to file is punishable under section 299.548 MCL or Section 10 of Act 136, P.A. 1969.

Form Approved. OMB No. 2050-0039 Expires 9-30-94

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. **M I D 0 9 9 1 2 4 2 9 9 1 0 3 0 1**

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address

Stanley Tools
425 Frank St., Fowlerville, MI 48836

Mail to: William Guerrero
The Stanley Works

4. Generator's Phone (203) 827-3802

1000 Stanley Dr., New Britain, CT.

5. Transporter 1 Company Name

6. US EPA ID Number

Young's Environmental Cleanup, Inc.

M I D 1 0 6 1 8 6 1 9 5 0 1 6

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

Wayne Disposal, Inc.
49350 N. I-94 Service Dr.
Belleville, MI 48111

10. US EPA ID Number

M I D 0 4 8 0 9 0 6 3 1 3

A. State Manifest Document Number
MI 3450817

B. State Generator's ID
CT. 06053

C. State Transporter's ID

D. Transporter's Phone (810) 78907155

E. State Transporter's ID

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).

HM

12. Containers

No.

Type

13. Total Quantity

14. Unit Vol/Vol

I. Waste No.

N/H

a. Contaminated Soil, NHCS, Non-RCRA, Non-Hazardous

0 0 1

DT

00020

0292

J. Additional Descriptions for Materials Listed Above

Approval #52595WA

K. Handling Codes for Wastes Listed Above

a/ /
b/ /
c/ /
d/ /

15. Special Handling Instructions and Additional Information

If spilled, dike area, contain in drums, call CHEMTREC 800-424-9300.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name
JOHN E. CHAPERON

Signature
John E. Chaperon

Date
Month Day Year
05/31/95

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name
LANNY T. HOWARD

Signature
Larry Howard

Date
Month Day Year
05/31/95

18. Transporter 2 Acknowledgement or Receipt of Materials

Printed/Typed Name

Signature

Date
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name

Signature

Date
Month Day Year

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-282-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-6802 24 HOURS PER DAY.

DNR
MICHIGAN DEPARTMENT
OF NATURAL RESOURCES

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

1979, as amended and Act 136, P.A.
1989.
Failure to file is punishable under
Section 299.545 MCL or Section 10 of
Act 136, P.A. 1989.

Form Approved. OMB No. 2050-0039 Expires 9-30-94

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		Generator's US EPA ID No. MI 10099124299		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address Stanley Tools 425 Frank St., Farmington, MI 48336						A. State Manifest Document Number MI 3450817			
4. Generator's Phone (203) 827-1882						B. State Generator's ID			
5. Transporter 1 Company Name Joan's Environmental Cleanup, Inc.						C. State Transporter's ID			
6. US EPA ID Number MI 10099124299						D. Transporter's Phone (810) 78967155			
7. Transporter 2 Company Name						E. State Transporter's ID			
8. US EPA ID Number						F. Transporter's Phone			
9. Designated Facility Name and Site Address Wayne Disposal, Inc. 49350 E. I-94 Service Dr. Detroit, MI 48111						G. State Facility's ID			
10. US EPA ID Number MI 00409900313						H. Facility's Phone			
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER) HM Contaminated Soil, HCS, Non-RCRA, Non-Hazardous						12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	1. Waste No. N/H
						001	1	1	1
J. Additional Descriptions for Materials Listed Above Approval #5253500						K. Handling Codes for Wastes Listed Above a/ / b/ / c/ / d/ /			
15. Special Handling Instructions and Additional Information If spilled, site area, contain in drums, call CHEMTREC 800-424-9300.									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled; and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name J. W. [Signature]						Signature [Signature]		Date Month Day Year 05/31/95	
17. Transporter 1 Acknowledgement of Receipt of Materials						Signature [Signature]		Date Month Day Year 05/31/95	
18. Transporter 2 Acknowledgement of Receipt of Materials						Signature		Date Month Day Year	
19. Discrepancy Indication Space									
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.									
Printed/Typed Name						Signature		Date Month Day Year	

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-9302 24 HOURS PER DAY

DNR
MICHIGAN DEPARTMENT
OF NATURAL RESOURCES

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

1979 as amended and Act 136, P.A. 1969.
Failure to file is punishable under section 299.548 MCL or Section 10 of Act 136, P.A. 1969.

Form Approved. OMB No. 2050-0039 Expires 9-30-94

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. M I D O 9 9 1 2 4 2 9 9		Manifest Document No. 1-3322		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.							
3. Generator's Name and Mailing Address Stanley Tools. Mail to: William Guerrero 425 Frank St., Fowlerville, MI 48836 The Stanley Works 1000 Stanley Dr., New Britain, CT 06053						A. State Manifest Document Number MI 3450816									
4. Generator's Phone (203) 827-3802						B. State Generator's ID									
5. Transporter 1 Company Name Young's Environmental Cleanup, Inc.						C. State Transporter's ID									
6. US EPA ID Number M I D 1 0 6 8 6 9 5 0 6						D. Transporter's Phone (810) 789-7155									
7. Transporter 2 Company Name						E. State Transporter's ID									
8. US EPA ID Number						F. Transporter's Phone									
9. Designated Facility Name and Site Address Wayne Disposal, Inc. 49350 N. I-94 Service Dr. Belleville, MI 48111						G. State Facility's ID									
10. US EPA ID Number M I D 0 4 8 0 9 0 6 3 3						H. Facility's Phone									
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER) HM						12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		1. Waste No.		N/H	
a. Contaminated soil, NHCS, Non-RCRA, Non-hazardous						0 0 1 D T		0 0 1 2 0 Y		0 2 9 6					
b.															
c.															
d.															
J. Additional Descriptions for Materials Listed Above Approval #52595WA						K. Handling Codes for Wastes Listed Above a/ / b/ / c/ / d/ /									
15. Special Handling Instructions and Additional Information If spilled, dike area, contain in drums, call CHEMTREC 800-424-9300.															
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.															
Printed/Typed Name John E. CHAPERON										Signature John E. Chaperon		Date Month Day Year 05/31/95			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Stephen Hoffman										Signature Stephen Hoffman		Date Month Day Year 05/31/95			
18. Transporter 2 Acknowledgement or Receipt of Materials Printed/Typed Name										Signature		Date Month Day Year			
19. Discrepancy Indication Space															
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Printed/Typed Name															
Signature										Date Month Day Year					

DNR
MICHIGAN DEPARTMENT
OF NATURAL RESOURCES

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Act 31 of 1979, as amended and Act 136, P.A. 1989.

Failure to file is punishable under section 292.548 MCL or Section 18 of Act 136, P.A. 1989.

Form Approved OMB No. 2050-0039 Expires 9-30-94

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. MI 100 991 24 299		Manifest Document No. 238		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.							
3. Generator's Name and Mailing Address Stanley Tools 425 Frank St., Fowlerville, MI 48836						A. State Manifest Document Number MI 3450816									
4. Generator's Phone (203) 827-3802						B. State Generator's ID									
5. Transporter 1 Company Name Yates's Environmental Cleaners, Inc.						C. State Transporter's ID									
6. US EPA ID Number MI 100 100 000 000						D. Transporter's Phone (616) 799-7155									
7. Transporter 2 Company Name						E. State Transporter's ID									
8. US EPA ID Number						F. Transporter's Phone									
9. Designated Facility Name and Site Address Wayne Disposal, Inc. 49350 N. I-94 Service Dr. Bettleville, MI 48111						G. State Facility's ID									
10. US EPA ID Number MI 100 100 000 000						H. Facility's Phone									
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER) HM Contaminated soil, HXCS, Non-REHA, Non-hazardous						12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		1. Waste No. N/H			
						001		4420		Y		0296			
15. Additional Descriptions for Materials Listed Above Approval #233510						K. Handling Codes for Wastes Listed Above				a/ / b/ / c/ / d/ /					
16. Special Handling Instructions and Additional Information If spilled, site area, contain in drums, call CHEMTREC 800-424-9300.															
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.															
Printed/Typed Name <i>John J. Hoffman</i>						Signature <i>John J. Hoffman</i>						Date Month Day Year 09/11/95			
17. Transporter 1 Acknowledgement of Receipt of Materials						Printed/Typed Name <i>Stephen Hoffman</i>						Signature <i>Stephen Hoffman</i>		Date Month Day Year 09/11/95	
18. Transporter 2 Acknowledgement of Receipt of Materials						Printed/Typed Name						Signature		Date Month Day Year	
19. Discrepancy Indication Space															
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19															
Printed/Typed Name						Signature						Date Month Day Year			

DNR
MICHIGAN DEPARTMENT
OF NATURAL RESOURCES

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

1979, as amended and Act 136, P.A. 1969.
Failure to file is punishable under section 239.548 MCL or Section 10 of Act 136, P.A. 1969.

Please print or type.

Form Approved. OMB No. 2050-0039 Expires 9-30-94

**UNIFORM HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

M I D O 9 9 1 2 4 2 9 9 1 2 3 2 4

Manifest Document No.

12324

2. Page 1

of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address

Stanley Tools Mail to: William Guerrero
425 Frank St., Fowlerville, MI 48836 The Staley Works

4. Generator's Phone (203) 827-3802

1000 Stanley Dr., New Britain, Ct 06053

5. Transporter 1 Company Name

Young's Environmental Cleanup, Inc

6. US EPA ID Number

M I D 1 0 5 8 6 9 5 0 6

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

Wayne Disposal, Inc.
49350 N. I-94 Service Dr.
Belleville, MI 48111

10. US EPA ID Number

M I D 0 4 8 0 9 0 6 3 3

A. State Manifest Document Number

MI 3450812

B. State Generator's ID

06053

C. State Transporter's ID

D. Transporter's Phone (810) 789-7155

E. State Transporter's ID

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).

Soil, NHCS, Non RCRA Contaminated, Non-hazardous

12. Containers

No. Type

0 0 1 DIT

13. Total Quantity

0 0 2 0 Y

14. Unit Wt/Vol

0 2 9 L

I. Waste No.

0 2 9 L

N/H

J. Additional Descriptions for Materials Listed Above

Approval #52595 WA

K. Handling Codes for Wastes Listed Above

a/ /

b/ /

c/ /

d/ /

15. Special Handling Instructions and Additional Information

If spilled, dike area, contain in drums, call CHEMTREC 800-424-9300.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

JOHN E. CHAPERON

Signature

John E. Chaperon

Date

Month Day Year 05 31 95

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Stephen Hoffman

Signature

Stephen Hoffman

Date

Month Day Year 05 31 95

18. Transporter 2 Acknowledgement or Receipt of Materials

Printed/Typed Name

Signature

Date

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Date

Month Day Year

DNR
MICHIGAN DEPARTMENT
OF NATURAL RESOURCES

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

1979, as amended and Act 136, P.A.
1988.
Failure to file is punishable under
section 299.546 MCL or Section 10 of
Act 136, P.A. 1988.

Form Approved OMB No. 2050-0039 Expires 9-30-94

Please print or type:

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. MI 30099124299		Manifest Document No. 1228		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address Stanley Tools 425 Frank St., Farmington, MI 48036 The Stanley Works 1000 Stanley Dr., New Britain, Ct 06053						A. State Manifest Document Number MI 3450812							
4. Generator's Phone (203) 827-3602						B. State Generator's ID							
5. Transporter 1 Company Name Young's Environmental Cleanup, Inc.						C. State Transporter's ID							
6. US EPA ID Number MI 10105000500						D. Transporter's Phone (810) 789-7155							
7. Transporter 2 Company Name						E. State Transporter's ID							
8. US EPA ID Number						F. Transporter's Phone							
9. Designated Facility Name and Site Address Wayne Disposal, Inc. 49350 N. I-94 Service Dr. Bellaire, MI 48011						G. State Facility's ID							
10. US EPA ID Number MI 10040090032						H. Facility's Phone							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER) HM Soil, HCS, Non RCRA Contaminated, Non-hazardous						12. Containers No. Type		13. Total Quantity		14. Unit W/Vol		1. Waste No. N/H	
						910 1 RT 44020 Y				029 L			
J. Additional Descriptions for Materials Listed Above Approval #52595						K. Handling Codes for Wastes Listed Above				a/ /			
										b/ /			
										c/ /			
										d/ /			
15. Special Handling Instructions and Additional Information If spilled, this area, contains in drums, call CHEMTREC 800-424-9300.													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name John E. Chapman						Signature [Signature]				Date Month Day Year 9/3/95			
17. Transporter 1 Acknowledgement of Receipt of Materials										Date			
Printed/Typed Name Stephen Hoffman						Signature [Signature]				Month Day Year 05/1/95			
18. Transporter 2 Acknowledgement or Receipt of Materials										Date			
Printed/Typed Name						Signature				Month Day Year			
19. Discrepancy Indication Space													
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.													
Printed/Typed Name						Signature				Date Month Day Year			

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4708 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-6802 24 HOURS PER DAY.

APPENDIX F

BCR DRUM DISPOSAL MANIFESTS

DNR
MICHIGAN DEPARTMENT
OF NATURAL RESOURCES

DO NOT WRITE IN THIS SPACE

ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

1979, as amended through 1990.
Failure to file is punishable under
section 299.548 MCL or Section 10 of
Act 136, P.A. 1969.

Form Approved OMB No. 2050-0039 Expires 9-30-94

Please print or type.

**UNIFORM HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest
Document No.

2. Page 1
of 1

Information in the shaded areas
is not required by Federal
law.

3. Generator's Name and Mailing Address

Stanley Tools
425 Frank St., Fowlerville, MI 48834

Mail to: William Gorrers
The Stanley Works
1000 Stanley Dr., New Britain, CT 06053

A. State Manifest Document Number

MI 3450811

B. State Generator's ID

CT 06053

4. Generator's Phone (203) 827-3882

6. US EPA ID Number

MI 0106069506

C. State Transporter's ID

D. Transporter's Phone (810) 788-7155

5. Transporter 1 Company Name

Young's Environmental Cleanup, Inc.

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

7. Transporter 2 Company Name

10. US EPA ID Number

G. State Facility's ID

H. Facility's Phone

9. Designated Facility Name and Site Address

Michigan Disposal
49350 E. I-94 Service Dr.
Bellefonte, MI 48811

MI 01060724031

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).

HM

12. Containers

No. Type

13. Total
Quantity

14. Unit
Wt/Vol

I. Waste
No.

N/M

a. **EX** **80, Hazardous Waste, Solid, n.e.s. (Hexachlorobenzene & Zinc), 9, HAZ077, PGIII**

112 01F 116610 6 000320

b.

c.

d.

J. Additional Descriptions for Materials Listed Above

Approval #52595RE
Also: 0030

K. Handling Codes for Wastes
Listed Above

a/ /
b/ /
c/ /
d/ /

15. Special Handling Instructions and Additional Information

If spilled dthe area, contain in drums call CHEMTREC 800-424-9300. Refer to ERG #31

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

John E. Chapman

Signature

John E. Chapman

Date
Month Day Year
05/31/95

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date
Month Day Year
06/01/95

18. Transporter 2 Acknowledgement or Receipt of Materials

Printed/Typed Name

Signature

Date
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Date
Month Day Year

APPENDIX G

MISCELLANEOUS SOIL PILE DISPOSAL MANIFESTS

**MICHIGAN DEPARTMENT
OF NATURAL RESOURCES**

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Act 54, P.A. 1979, as amended and Act 136, P.A. 1969.

Failure to file is punishable under section 299.548 MCL or Section 10 of Act 136, P.A. 1969.

Please print or type.

Form Approved. OMB No. 2050-0039 Expires 9-30-94

ALL SP. CENT. MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-282-4708 OR OUT OF STATE AT 517-373-7860 AND THE NATIONAL RESPONSE

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. <i>MI10099124299201193</i>		Manifest Document No. <i>MI10099124299201193</i>		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.							
3. Generator's Name and Mailing Address <i>Stanley Tools 425 Frank St. Fowlerville, MI 488</i>						A. State Manifest Document Number MI 3450720									
4. Generator's Phone <i>(203) 827-3802</i>						B. State Generator's ID									
5. Transporter 1 Company Name <i>Young's Environmental</i>						C. State Transporter's ID									
6. US EPA ID Number <i>MI10106869506</i>						D. Transporter's Phone <i>810-789-7555</i>									
7. Transporter 2 Company Name						E. State Transporter's ID									
8. US EPA ID Number						F. Transporter's Phone									
9. Designated Facility Name and Site Address <i>Wayne Disposal Inc. 49530 N. I-94 Service Drive Belleville, MI 48111</i>						G. State Facility's ID									
10. US EPA ID Number <i>MI10048090633</i>						H. Facility's Phone									
11. US DOT Description (including Proper Shipping Name, Hazard Class, and HM ID NUMBER)						12. Containers		13. Total Quantity		14. Unit		15. Waste No.		NIH	
a. <i>Soil & Debris, NHCS, Non RCRA Contaminated, Non-Hazardous</i>						001 DT									
b.															
c.															
d.															
J. Additional Descriptions for Materials Listed Above <i>Approved # 042145 WA</i>						K. Handling Codes for Wastes Listed Above						a/ /			
												b/ /			
												c/ /			
												d/ /			
15. Special Handling Instructions and Additional Information															
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.															
Printed/Typed Name <i>John E. CHAPERON</i>										Signature <i>John E. Chaperon</i>		Date <i>04/24/95</i>			
17. Transporter 1 Acknowledgement of Receipt of Materials										Date					
Printed/Typed Name <i>Jerry Ritter</i>										Signature <i>Jerry Ritter</i>		Date <i>04/24/95</i>			
18. Transporter 2 Acknowledgement of Receipt of Materials										Date					
Printed/Typed Name										Signature		Date			
19. Discrepancy Indication Space															
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19:															
Printed/Typed Name										Signature		Date			



**MICHIGAN DEPARTMENT
OF NATURAL RESOURCES**

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Act 64, P.A.
1979, as amended and Act 136, P.A.
1969.

Failure to file is punishable under
section 299.548 MCL or Section 10 of
Act 136, P.A. 1969.

Please print or type.

Form Approved. OMB No. 2050-0039 Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. MI10109912429920155		Manifest Document No. 20155		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address Stanley Tools 425 W. Frank St Fowlerville, Mi. 48836						A. State Manifest Document Number MI 3450724			
4. Generator's Phone (203) 827-3802						B. State Generator's ID			
5. Transporter 1 Company Name Young's Environmental						6. US EPA ID Number MI10106869506		C. State Transporter's ID	
7. Transporter 2 Company Name						8. US EPA ID Number		D. Transporter's Phone 810-789-7155	
9. Designated Facility Name and Site Address Wayne Disposal Inc 49350 N. I-94 Service Drive Belleville, Mi. 48111						10. US EPA ID Number MI1010480906313		E. State Transporter's ID	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER) HM						12. Containers No. Type		13. Total Quantity	
a. Soil & Debris, NHLS, Non-RCRA Contaminated, Non-Hazardous						001 DIT 001 0310 CY		14. Unit Wt/Vol	
b.								I. Waste No. N/H	
c.									
d.									
J. Additional Descriptions for Materials Listed Above Approval # 042195 WA						K. Handling Codes for Wastes Listed Above		a/ 1 b/ 1 c/ 1 d/ 1	
15. Special Handling Instructions and Additional Information									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name JOHN E. CHAPERON						Signature <i>John E. Chaperon</i>		Date 04/24/95	
17. Transporter 1 Acknowledgement of Receipt of Materials						Printed/Typed Name JERRY RITTER		Signature <i>Jerry Ritter</i>	
18. Transporter 2 Acknowledgement or Receipt of Materials						Printed/Typed Name		Signature	
19. Discrepancy Indication Space									
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.									
Printed/Typed Name						Signature		Date Month Day Year	

ALL SPILLAGE MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN, AT 1-800-282-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOURS PER DAY.

DNR
**MICHIGAN DEPARTMENT
 OF NATURAL RESOURCES**

DO NOT WRITE IN THIS SPACE
 ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

1979, as amended and Act 136, P.A. 1969.
 Failure to file is punishable under section 299.548 MCL or Section 10 of Act 136, P.A. 1969.

Please print or type.

Form Approved. OMB No. 2050-0039 Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST			1. Generator's US EPA ID No. <u>M11D0919121421912101156</u>		Manifest Document No. <u>2101156</u>		2. Page <u>1</u> of <u>1</u>		Information in the shaded areas is not required by Federal law.				
3. Generator's Name and Mailing Address <u>Stanley Tools</u> <u>425 Frank St</u> <u>Fowlerville, MI 48836</u>						A. State Manifest Document Number <u>MI 3450742</u>							
4. Generator's Phone <u>(203) 877-3802</u>						B. State Generator's ID							
5. Transporter 1 Company Name <u>Young's Environmental</u>						C. State Transporter's ID							
6. US EPA ID Number <u>M11D11068161751016</u>						D. Transporter's Phone <u>810-789-7153</u>							
7. Transporter 2 Company Name						E. State Transporter's ID							
8. US EPA ID Number						F. Transporter's Phone							
9. Designated Facility Name and Site Address <u>Wayne Disposal</u> <u>47350 No I-94 Service Drive</u> <u>Belleville, MI 48111</u>						G. State Facility's ID							
10. US EPA ID Number <u>M11D048109106133</u>						H. Facility's Phone							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER) HM <u>Soil & Debris, NHCS, Non-RCRA Contaminated, Non-Hazardous</u>						12. Containers No. Type <u>001 DT</u>		13. Total Quantity		14. Unit M/Vol <u>CY</u>		I. Waste No. N/H	
J. Additional Descriptions for Materials Listed Above <u>Approval # 042495 WA</u>						K. Handling Codes for Wastes Listed Above a/ <u>1</u> b/ <u>1</u> c/ <u>1</u> d/ <u>1</u>							
15. Special Handling Instructions and Additional Information													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name <u>John E. CHAPERON</u>						Signature <u>John E. Chaperon</u>				Date <u>04/25/95</u>			
17. Transporter 1 Acknowledgement of Receipt of Materials						Printed/Typed Name <u>JERRY R. TIER</u>				Signature <u>Jerry R. Tier</u>		Date <u>04/25/95</u>	
18. Transporter 2 Acknowledgement or Receipt of Materials						Printed/Typed Name				Signature		Date	
19. Discrepancy Indication Space													
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.													
Printed/Typed Name						Signature				Date Month Day Year			



MICHIGAN DEPARTMENT
OF NATURAL RESOURCES

DO NOT WRITE IN THIS SPACE
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Please print or type.

Form Approved

UNIFORM HAZARDOUS
WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest
Document No.

2. Page 1

of 1

3. Generator's Name and Mailing Address

Stanley Tools
425 Frank St
Fowlerville, MI 48836

Mail to: William Cuerrera
The Stanley Works
1000 Stanley Drive
New Britain, CT 06053

4. Generator's Phone (203) 827-3802

5. Transporter 1 Company Name

Young's Environmental

6. US EPA ID Number

MI D 106869506

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

Wayne Disposal
49350 N. E-94 Service Dr.
Belleville, MI 48111

10. US EPA ID Number

MI D 048090633

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER)

12. Containers

No. Type

13. Total

Quantity

a. Soil & Debris, NHLS, Non-RCRA
Contaminated, Non-Hazardous

001 DT 0003

14. Additional Descriptions for Materials Listed Above

Approval # 042185 WA

15. Handling Code
Listed Above

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the extent to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me to prevent or minimize the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to generate and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

John E. CHAPERON

Signature

John E. Chaperon

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

JERRY RITTER

Signature

Jerry Ritter

18. Transporter 2 Acknowledgement or Receipt of Materials

Printed/Typed Name

Signature

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

ALL SP. MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MIC

AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE

600-424-8662 24 HOURS PER DAY

APPENDIX H

EXISTING EXCAVATION WATER DISPOSAL MANIFEST



**MICHIGAN DEPARTMENT
OF NATURAL RESOURCES**

DO NOT WRITE IN THIS SPACE

ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

Required under authority of Act 64 PA
1979, as amended and Act 136, PA,
1969.

Failure to file is punishable under
section 299.548 MCL or Section 10 of
Act 136, PA, 1969.

Please print or type:

Form Approved. OMB No. 2050-0038 Expires 9-30-94

**UNIFORM HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest
Document No.

2. Page 1
of 1

Information in the shaded areas
is not required by Federal
law.

3. Generator's Name and Mailing Address

Stanley Tools
425 Frank Street
Fowlerville, MI 48836

Mail to: William Guerrero
The Stanley Works
1000 Stanley Drive
New Britain, CT 06053

A. State Manifest Document Number
MI 3450727

B. State Generator's ID

4. Generator's Phone (203) 827-3802

5. Transporter 1 Company Name

6. US EPA ID Number

C. State Transporter's ID

Young's Environmental Cleanup Inc

MI 106869506

D. Transporter's Phone 810-787-7558

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address

Dynecol, Inc
6520 Georgia Street
Detroit, MI 48211

10. US EPA ID Number

MI 1074259565

G. State Facility's ID

H. Facility's Phone

11. US DOT Description (including Proper Shipping Name, Hazard Class, and
HM ID NUMBER).

12. Containers

13. Total
Quantity

14. Unit
M/Vol

I. Waste
No.

NIH

a.

X RQ Waste Environmentally Hazardous
Substances, Liquid, NOS, Hazardous Class 9
UN 3082, Packaging Group III (Nickel, Liquid)

No.

Type

Quantity

Unit

Waste

NIH

b.

c.

d.

201 T 05042 gal F 0106 H

12. Additional Descriptions for Materials Listed Above

Approval # 3536 L

K. Handling Codes for Wastes
Listed Above

a/ 1

b/ 1

c/ 1

d/ 1

15. Special Handling, Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by
proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway
according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined
to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the
present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste
generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

John E. CHAPERON

Signature

John E. Chaperon

Date
Month Day Year
04 20 95

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Rich Kietzel

Signature

[Signature]

Date
Month Day Year
04 20 95

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in
Item 19.

Printed/Typed Name

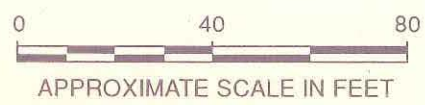
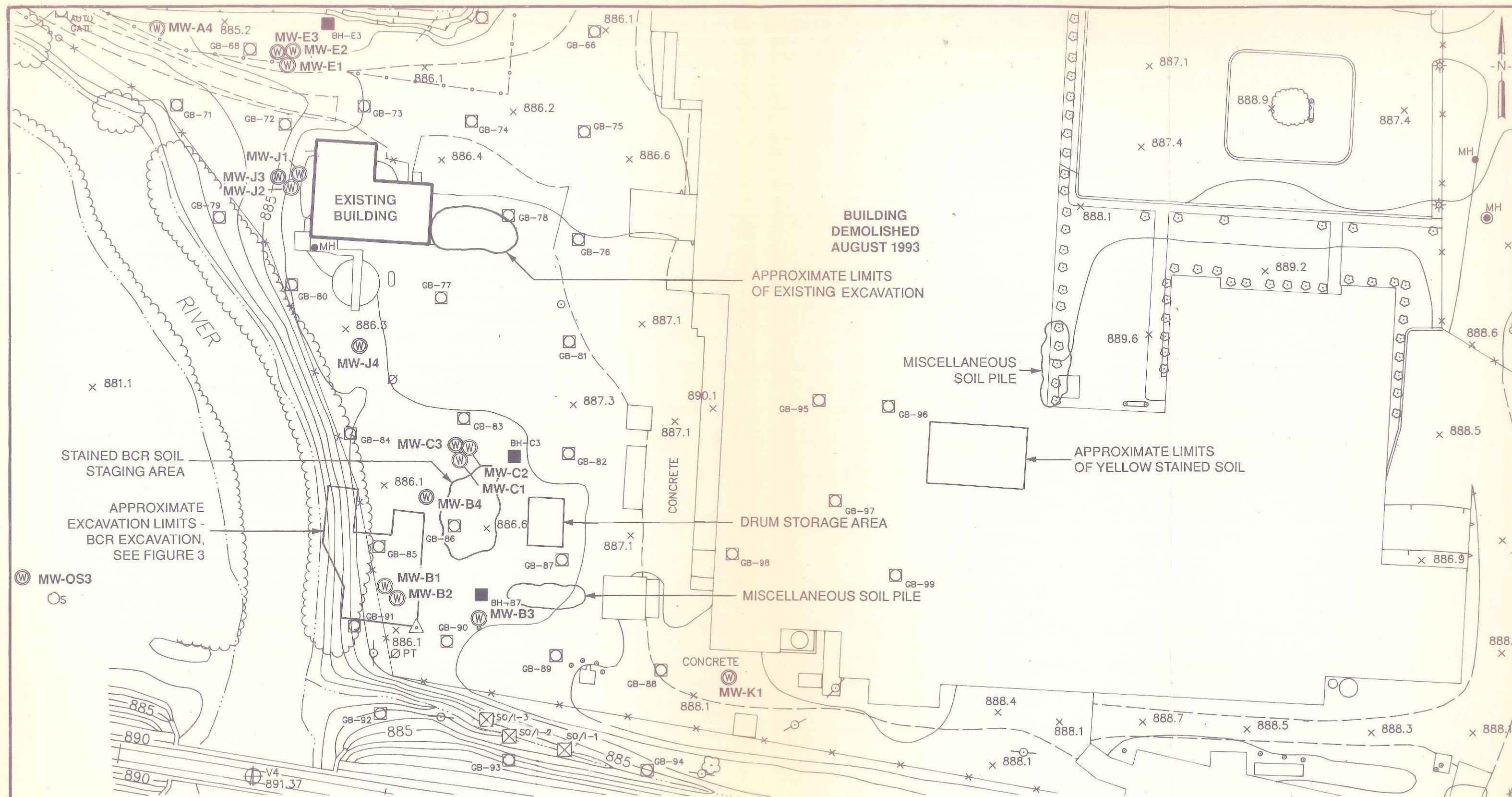
Signature

Date
Month Day Year

JUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN, AT 1-800-292-4708 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE

800-424-8802 24 HOURS PER DAY.

ALL SPI
CENTE



LEGEND:

- | | | | |
|--|-------------------------------------|--|--|
| | Land Survey Horizontal Control | | New Fencing |
| | Monitoring Well Location | | Post-Excavation Soil Sample Location - IRM |
| | Grid Boring Location - Phase II RFI | | Soil Boring Location - Phase I RFI |
| | Soil Boring Location - Phase II RFI | | |

BASE MAP SOURCE: Hughes Land Surveyors, Fowlerville, Michigan, Stanley Tools Site, Sheet 1 of 1, January 24, 1995. Field data collected by Sokkia's SDR-33 and Wild's GRE-4 Electronic Data Collector Topography by Cadserv's Retriever Automated Surveying and Mapping System. Base map created 09 Feb. 1994.

STANLEY TOOLS FOWLerville, MICHIGAN

**FIGURE 2
SITE PLAN**